

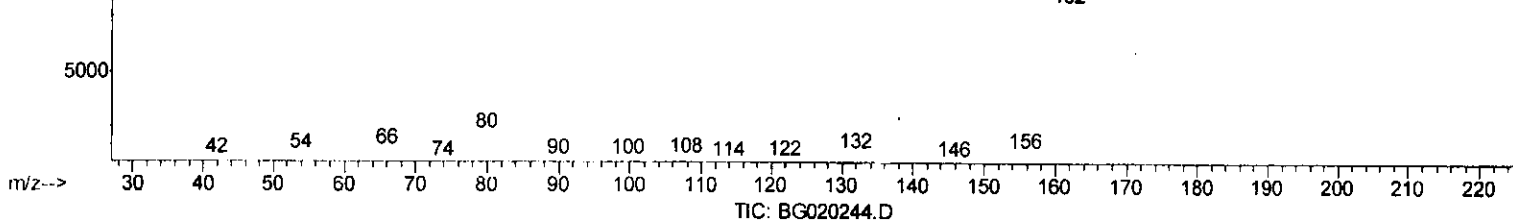
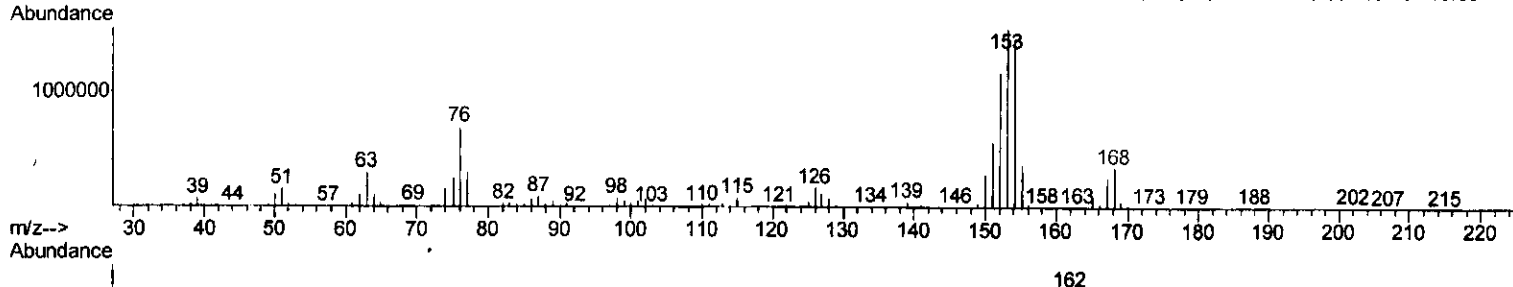
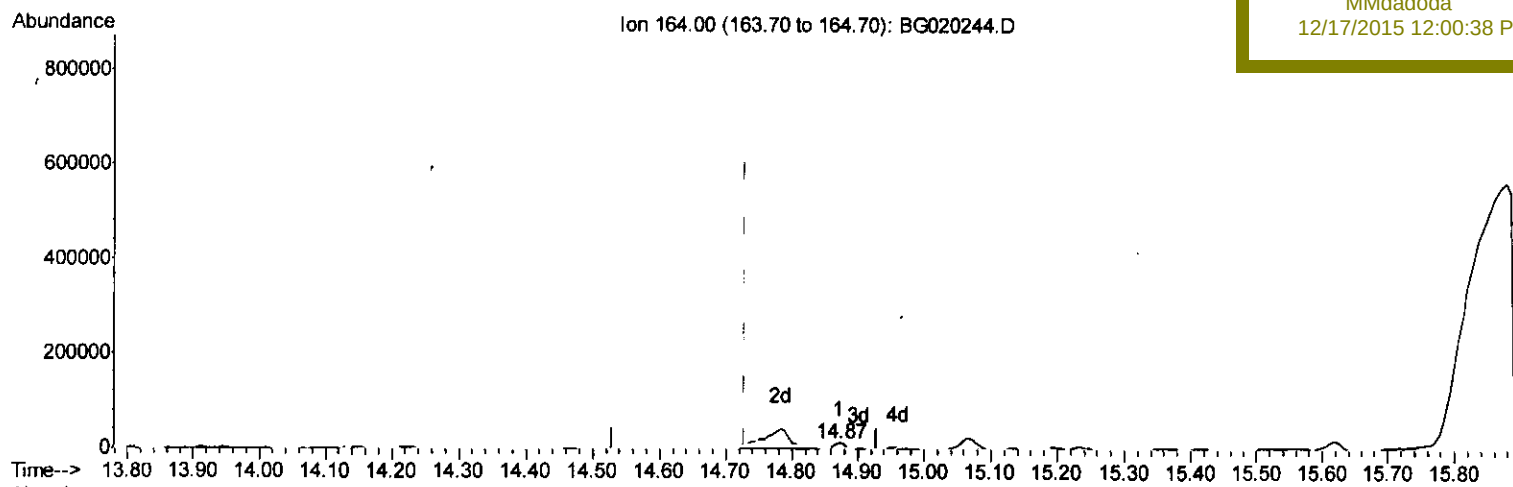
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020244.D
Acq On : 17 Dec 2015 6:03
Operator : UM/SJ
Sample : G4767-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 17 06:43:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 06:39:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N37

Manual Integrations
APPROVED

MMdadoda
12/17/2015 12:00:38 PM



(36) Acenaphthene-d10 (I)

14.872min (+0.143) 20.00ng/ul

response 14517

Ion	Exp%	Act%
164.00	100	100
162.00	102.70	12.81#
160.00	45.00	3.37#
0.00	0.00	0.00

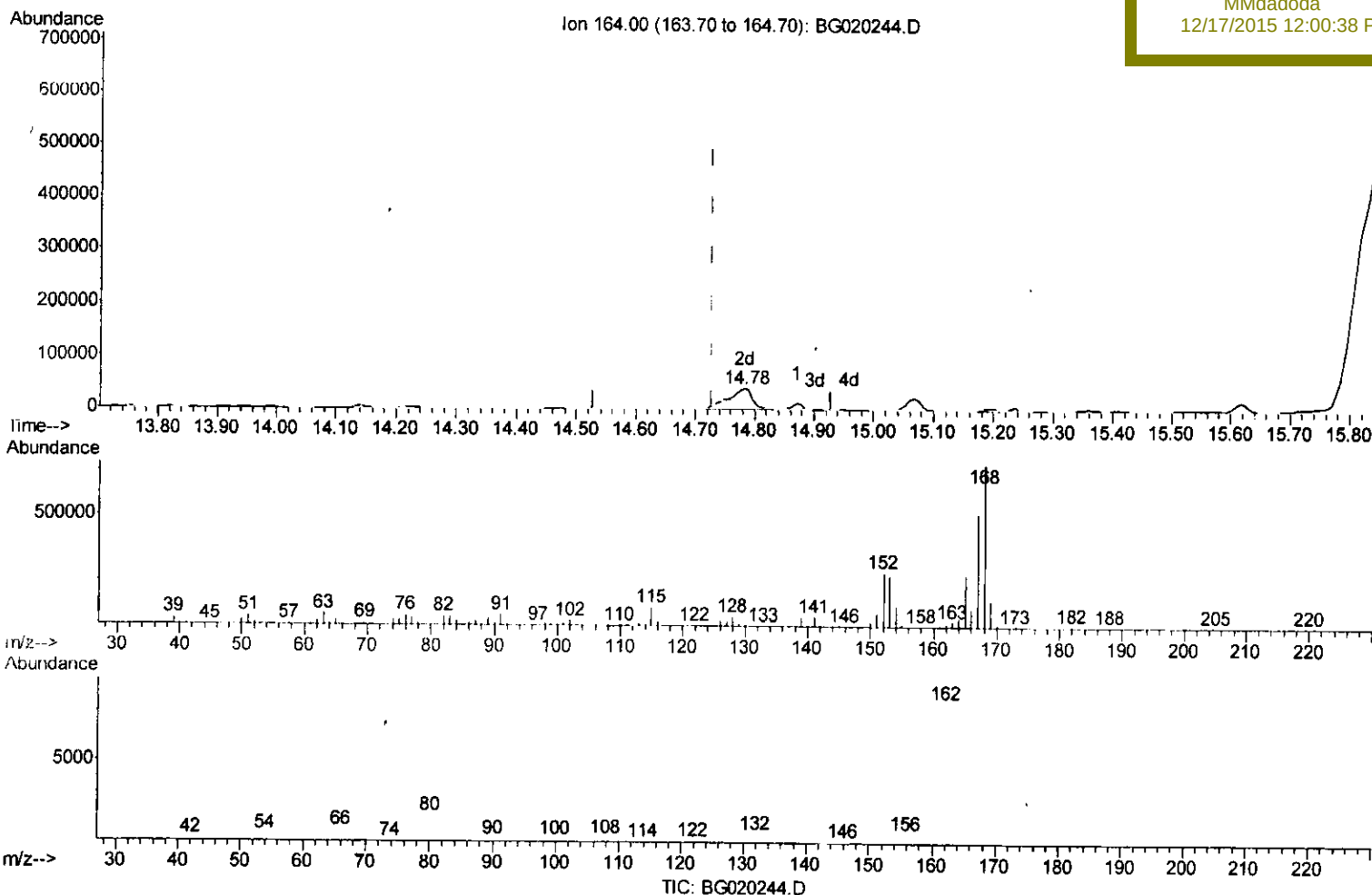
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020244.D
Acq On : 17 Dec 2015 6:03
Operator : UM/SJ
Sample : G4767-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 17 06:43:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 06:39:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N37

Manual Integrations
APPROVED

MMdadoda
12/17/2015 12:00:38 PM



(36) Acenaphthene-d10 (I)

14.784min (+0.054) 20.00ng/ul m

response 116467

Ion	Exp%	Act%
164.00	100	100
162.00	102.70	35.85#
160.00	45.00	13.45#
0.00	0.00	0.00

> U.M
28/12/15

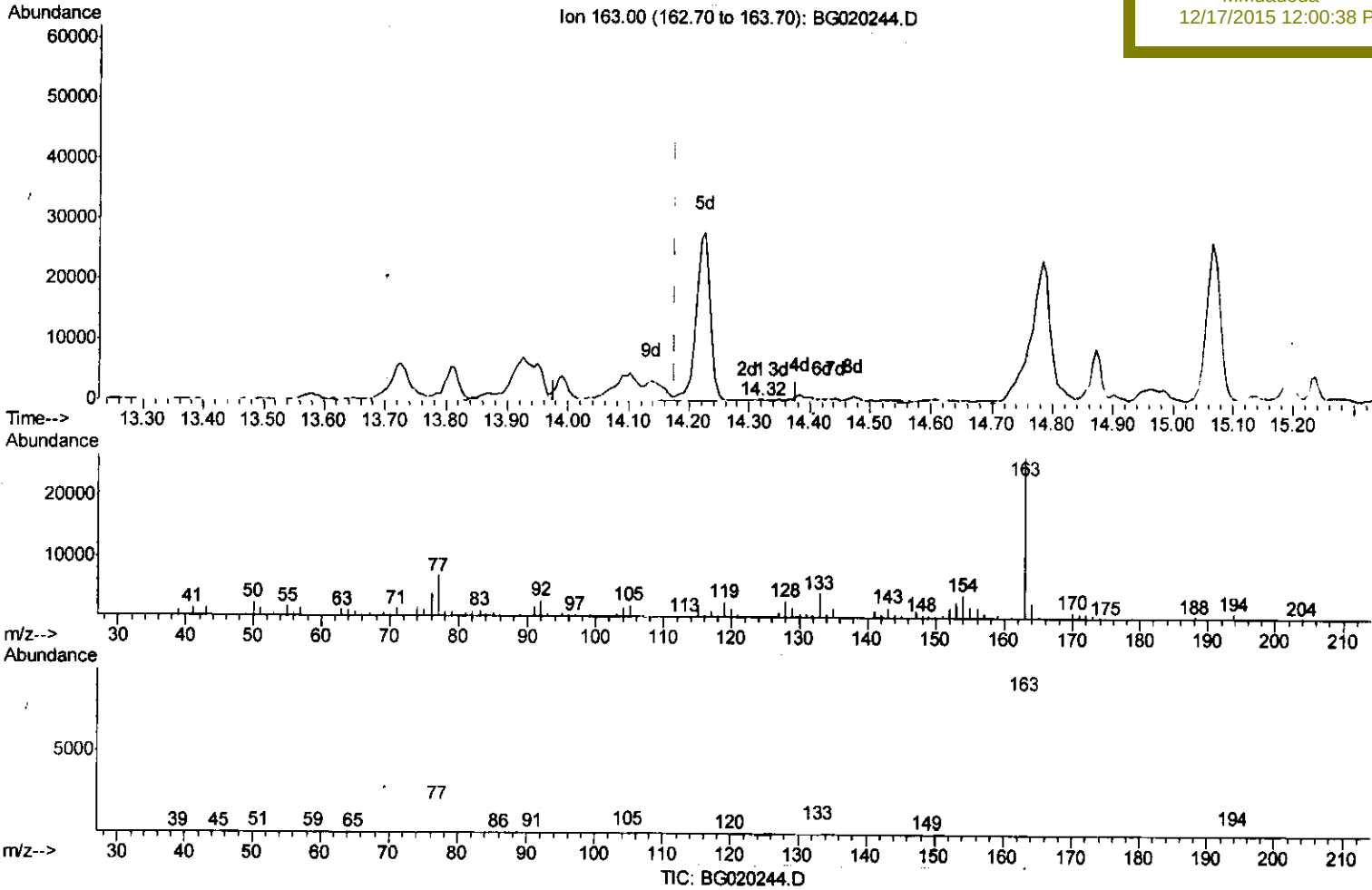
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020244.D
Acq On : 17 Dec 2015 6:03
Operator : UM/SJ
Sample : G4767-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 17 06:43:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 06:39:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N37

Manual Integrations
APPROVED

MMdadoda
12/17/2015 12:00:38 PM



(45) Dimethylphthalate

14.319min (+0.143) 0.01ng/ui

response 83

Ion	Exp%	Act%
163.00	100	100
194.00	4.40	0.00#
164.00	9.60	0.00#
0.00	0.00	0.00

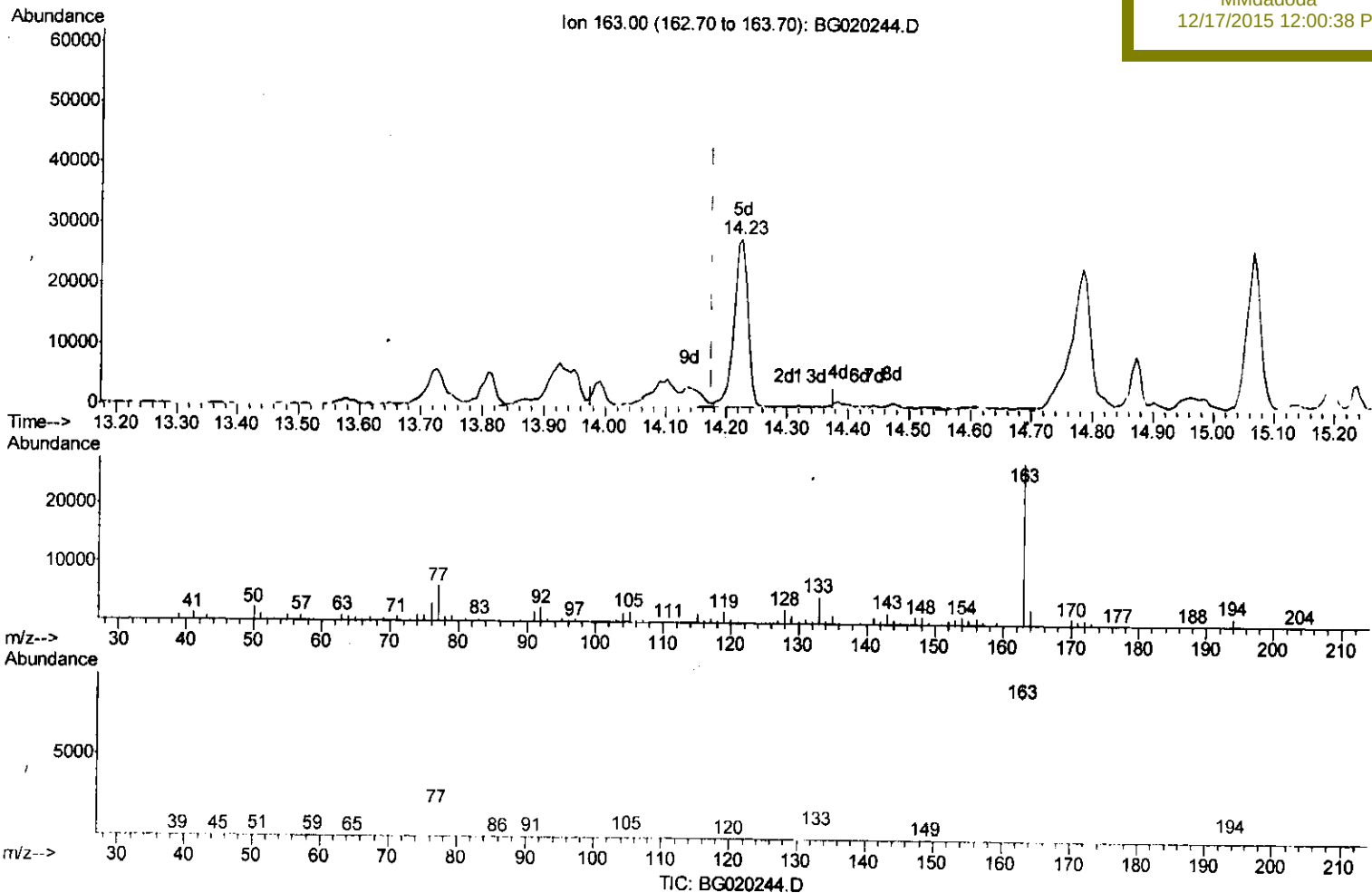
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020244.D
 Acq On : 17 Dec 2015 6:03
 Operator : UM/SJ
 Sample : G4767-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 17 06:43:16 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 06:39:33 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 D9N37

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 12:00:38 PM



(45) Dimethylphthalate

14.225min (+0.049) 4.62ng/ul m

response 44461

Ion	Exp%	Act%
163.00	100	100
194.00	4.40	5.51#
164.00	9.60	10.26
0.00	0.00	0.00

> U.M
 28/12/15

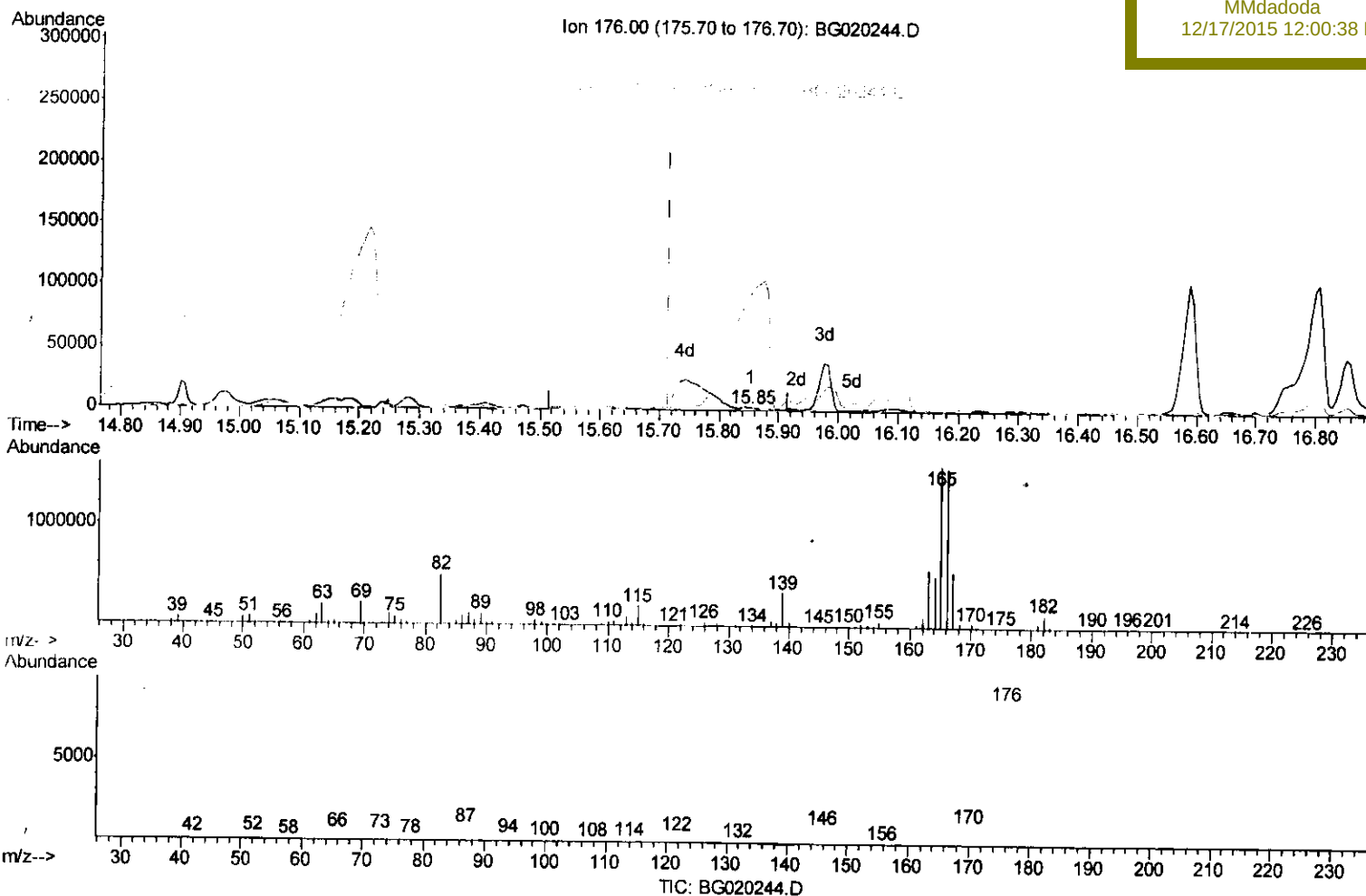
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020244.D
Acq On : 17 Dec 2015 6:03
Operator : UM/SJ
Sample : G4/67-15
Vial :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 17 06:43:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
Qlast Update : Thu Dec 17 06:39:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N37

Manual Integrations
APPROVED

MMdadoda
12/17/2015 12:00:38 PM



(58) Fluorene-d10 (S)

15.853min (+0.137) 0.47ng/ul

response 4021

Ion	Exp%	Act%
176.00	100	100
174.00	94.00	61.54#
87.00	8.10	4543.04#
86.00	7.80	3493.58#

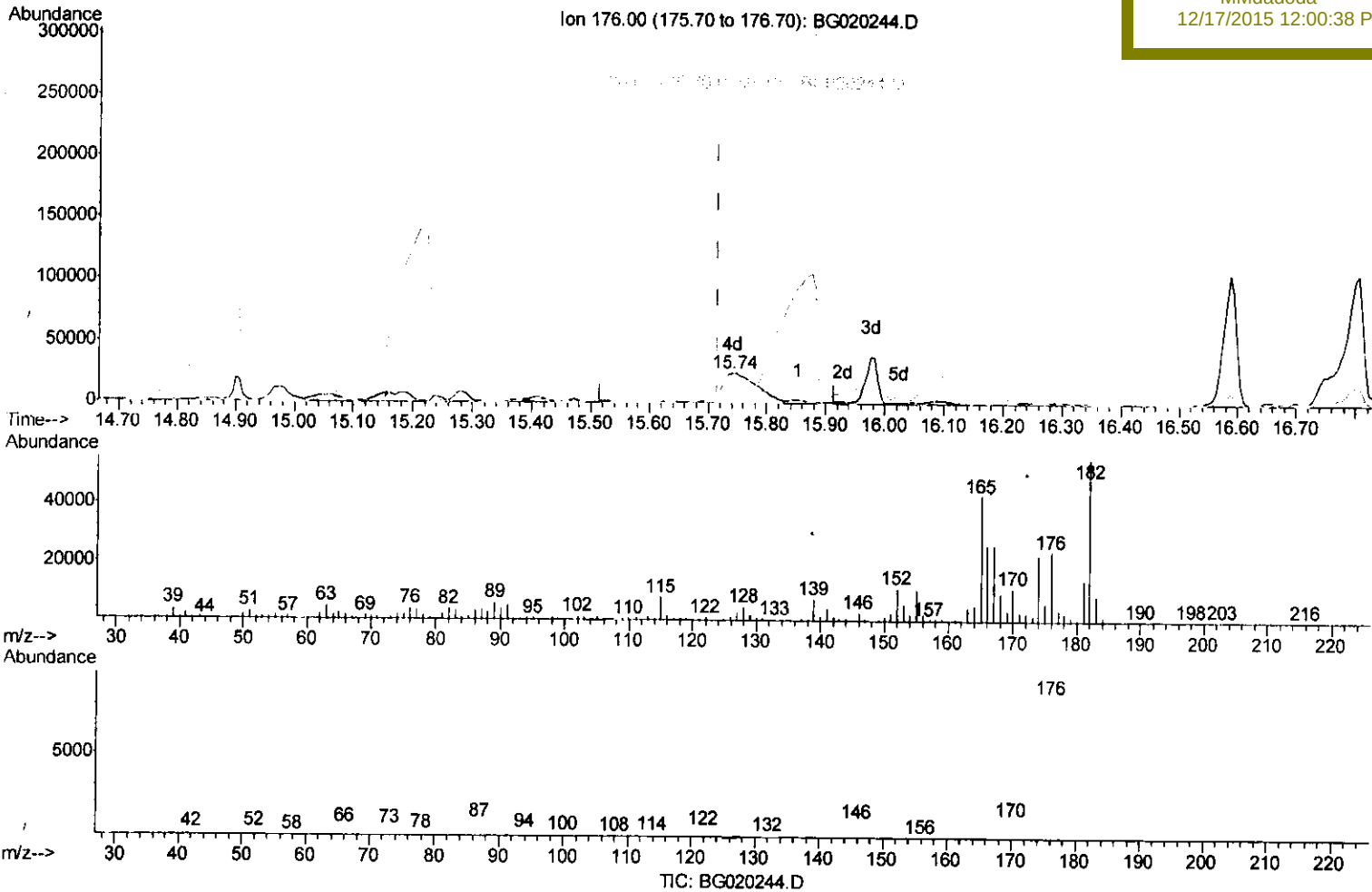
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020244.D
 Acq On : 17 Dec 2015 6:03
 Operator : UM/SJ
 Sample : G4767-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N37

Quant Time: Dec 17 06:43:16 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 06:39:33 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 12:00:38 PM



(58) Fluorene-d10 (S)

15.741min (+0.025) 11.89ng/ul m

response 101630

Ion Exp% Act%

176.00	100	100
174.00	94.00	93.76
87.00	8.10	15.59#
86.00	7.80	13.08#

> U.M
 28/12/15

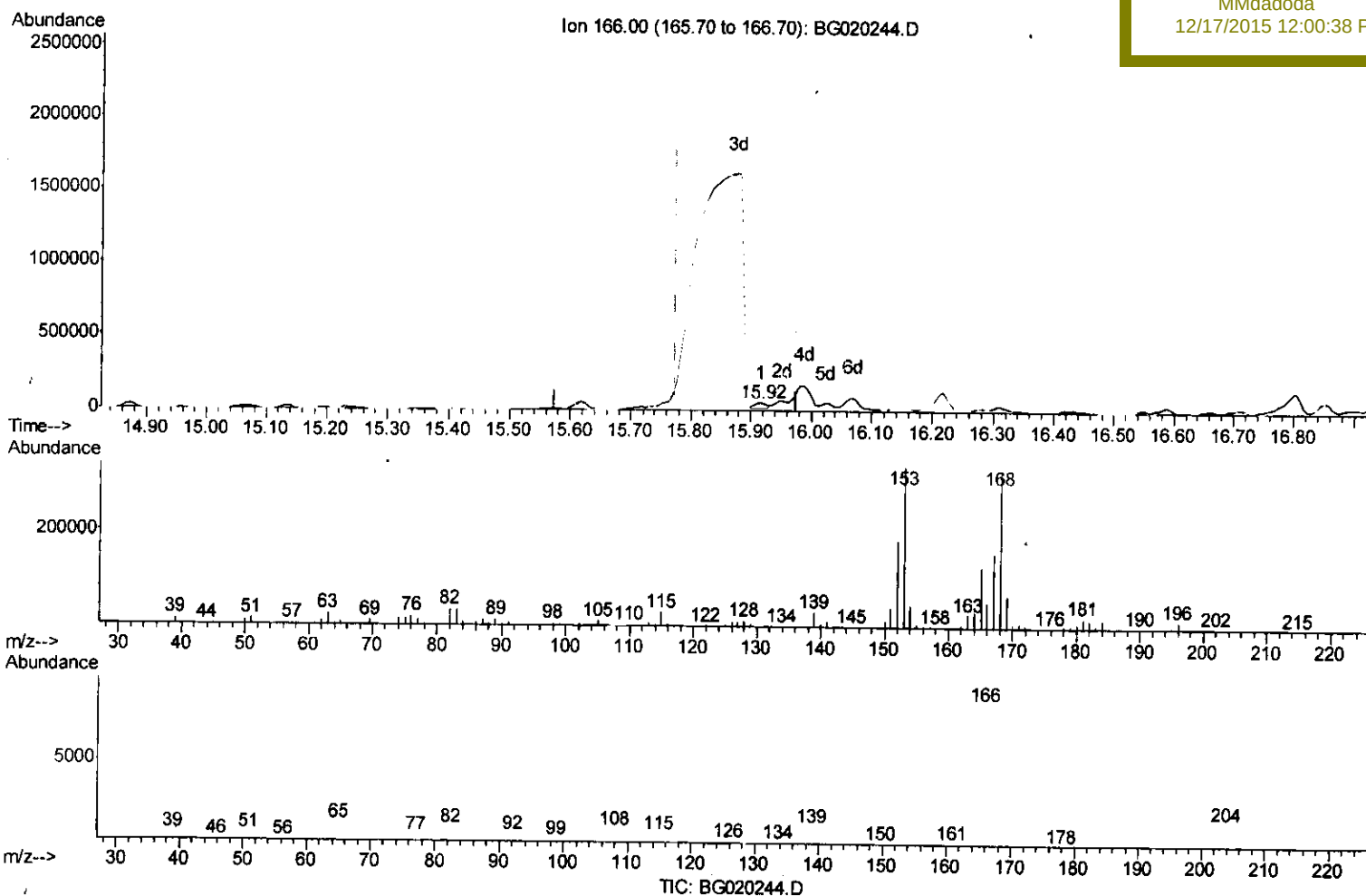
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020244.D
Acq On : 17 Dec 2015 6:03
Operator : UM/SJ
Sample : G4767-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N37

Quant Time: Dec 17 06:43:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 06:39:33 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMdadoda
12/17/2015 12:00:38 PM



(59) Fluorene

15.918min (+0.143) 5.15ng/ui

response 48222

Ion	Exp%	Act%
166.00	100	100
165.00	101.70	244.41#
167.00	14.00	296.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

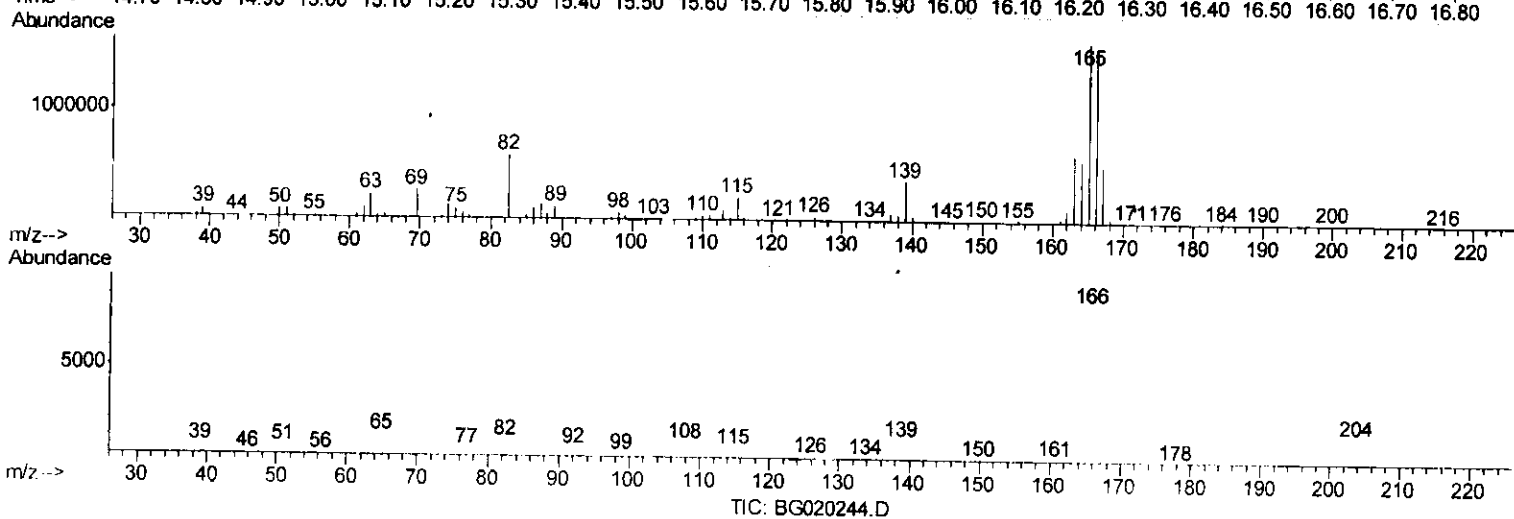
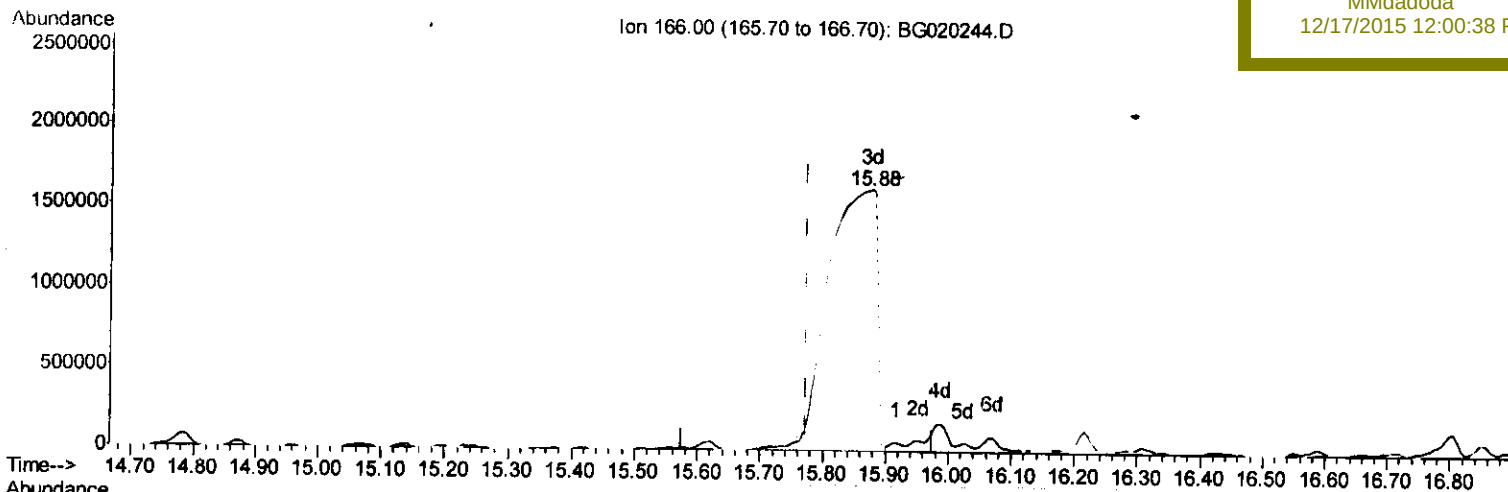
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020244.D
 Acq On : 17 Dec 2015 6:03
 Operator : UM/SJ
 Sample : G4767-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 17 06:43:16 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 06:39:33 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 D9N37

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 12:00:38 PM



(59) Fluorene

15.876min (+0.101) 939.46ng/ul m> U.M
 response 8792588
 28/12/15

Ion	Exp%	Act%
166.00	100	100
165.00	101.70	101.93
167.00	14.00	32.41#
0.00	0.00	0.00

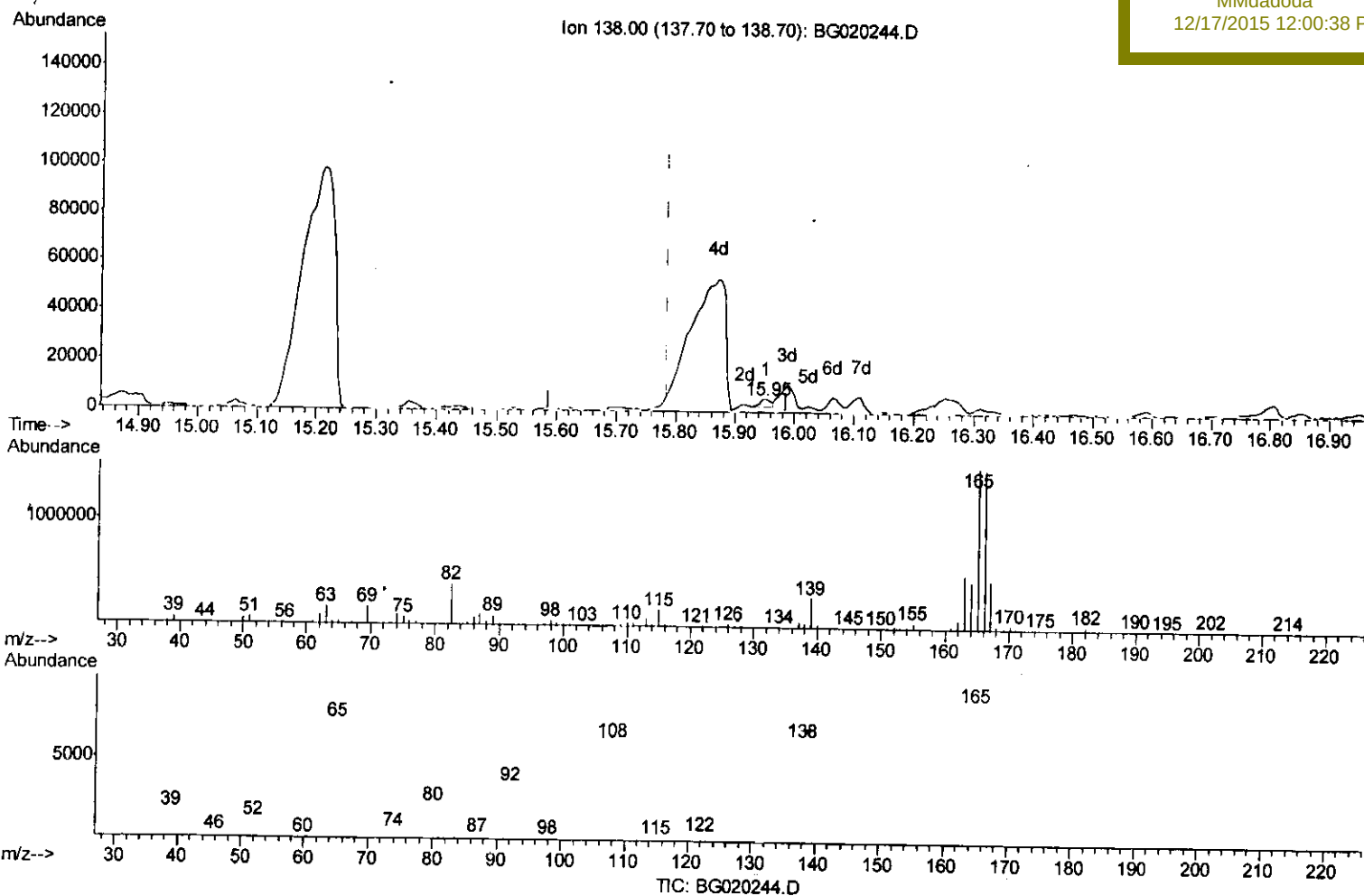
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020244.D
Acq On : 17 Dec 2015 6:03
Operator : UM/SJ
Sample : G4767-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 17 06:43:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 06:39:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N37

Manual Integrations
APPROVED

MMdadoda
12/17/2015 12:00:38 PM



(61) 4-Nitroaniline

15.953min (+0.166) 2.02ng/ul

response 4218

Ion	Exp%	Act%
138.00	100	100
92.00	56.50	11.85#
108.00	94.20	7.27#
0.00	0.00	0.00

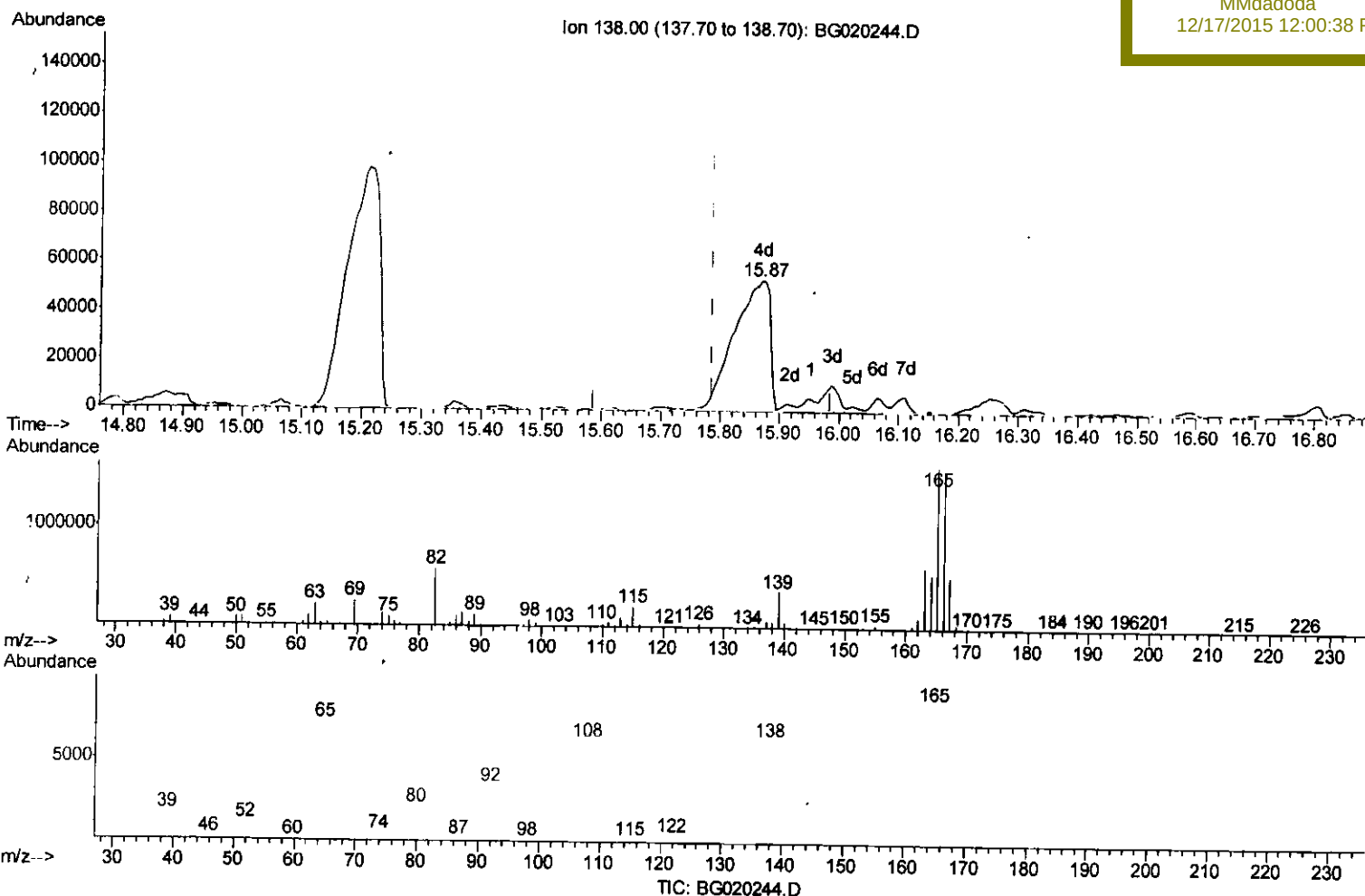
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020244.D
Acq On : 17 Dec 2015 6:03
Operator : UM/SJ
Sample : G4767-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 17 06:43:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 06:39:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N37

Manual Integrations
APPROVED

MMdadoda
12/17/2015 12:00:38 PM



(61) 4-Nitroaniline

15.871min (+0.084) 107.64ng/ul m

response 224858

Ion	Exp%	Act%
138.00	100	100
92.00	56.50	2.16#
108.00	94.20	3.61#
0.00	0.00	0.00

U.M
26/12/15

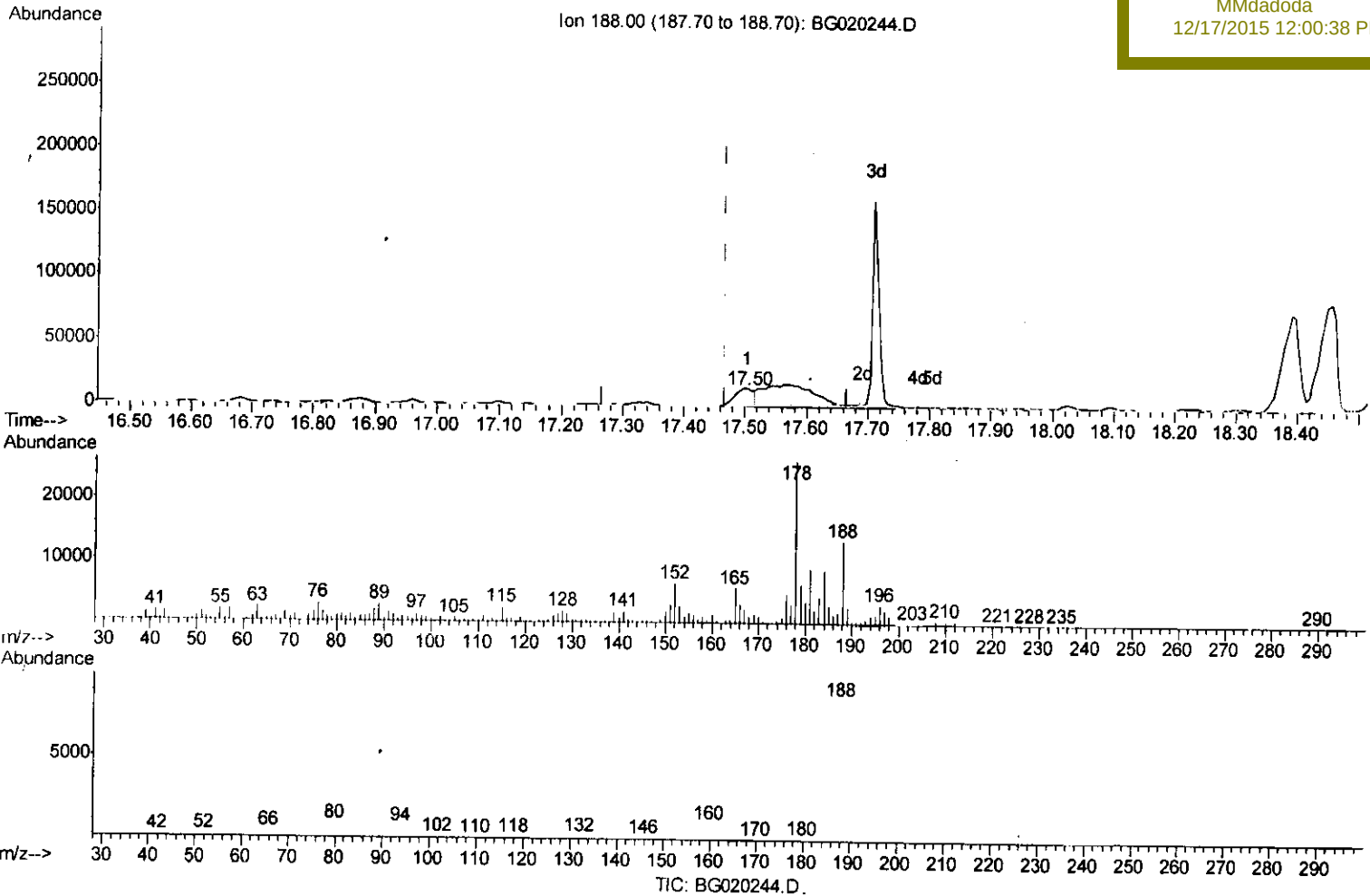
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020244.D
Acq On : 17 Dec 2015 6:03
Operator : UM/SJ
Sample : G4767-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 17 06:43:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 06:39:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N37

Manual Integrations
APPROVED

MMdadoda
12/17/2015 12:00:38 PM



(62) Phenanthrene-d10 (I)

17.504min (+0.037) 20.00ng/ul

response 29810

Ion	Exp%	Act%
188.00	100	100
94.00	6.90	7.68
80.00	8.90	8.63
0.00	0.00	0.00

Quantitation Report (Qedit)

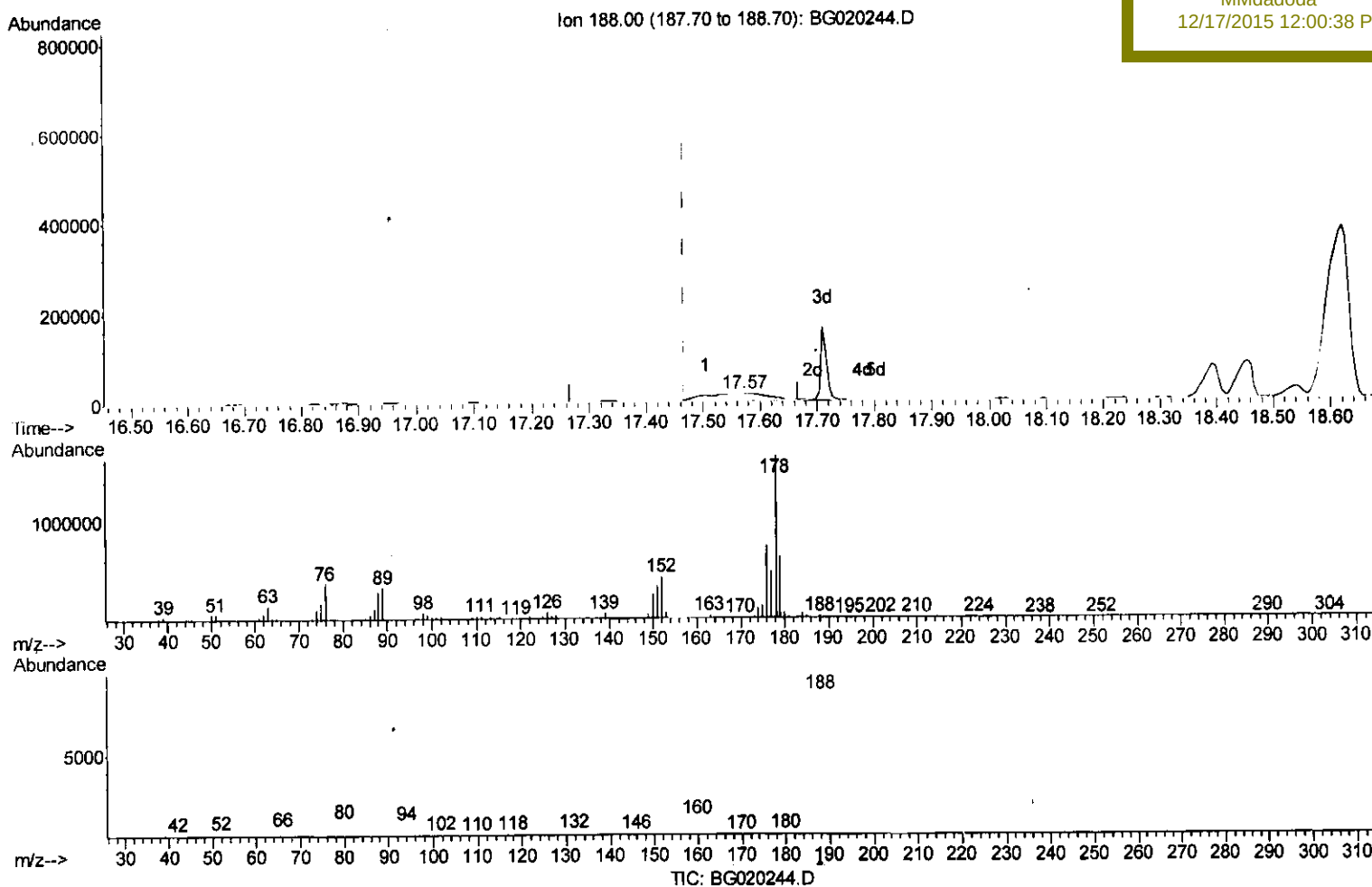
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020244.D
 Acq On : 17 Dec 2015 6:03
 Operator : UM/SJ
 Sample : G4767-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 17 06:43:16 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 06:39:33 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 D9N37

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 12:00:38 PM



(62) Phenanthrene-d10 (I)

17.569min (+0.101) 20.00ng/ul m

response 135138

Ion	Exp%	Act%
188.00	100	100
94.00	6.90	12.88#
80.00	8.90	11.75#
0.00	0.00	0.00

U.M
 28/12/15

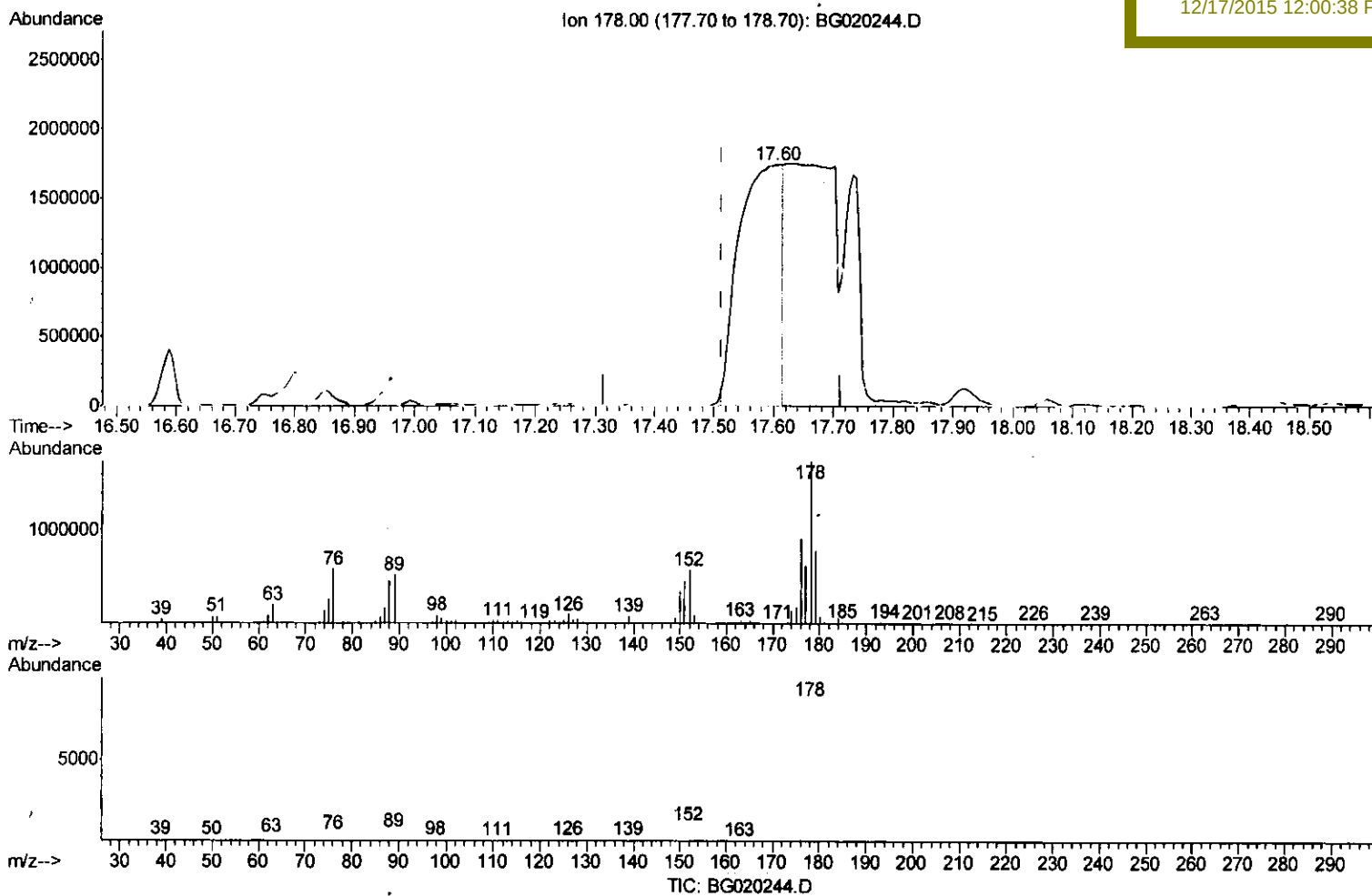
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020244.D
Acq On : 17 Dec 2015 6:03
Operator : UM/SJ
Sample : G4767-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N37

Manual Integrations
APPROVED

MMdadoda
12/17/2015 12:00:38 PM

Quant Time: Dec 17 06:43:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 06:39:33 2015
Response via : Initial Calibration



(70) Phenanthrene

17.604min (+0.090) 1186.03ng/ul

response 8766927

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	44.63#
176.00	19.10	51.98#
0.00	0.00	0.00

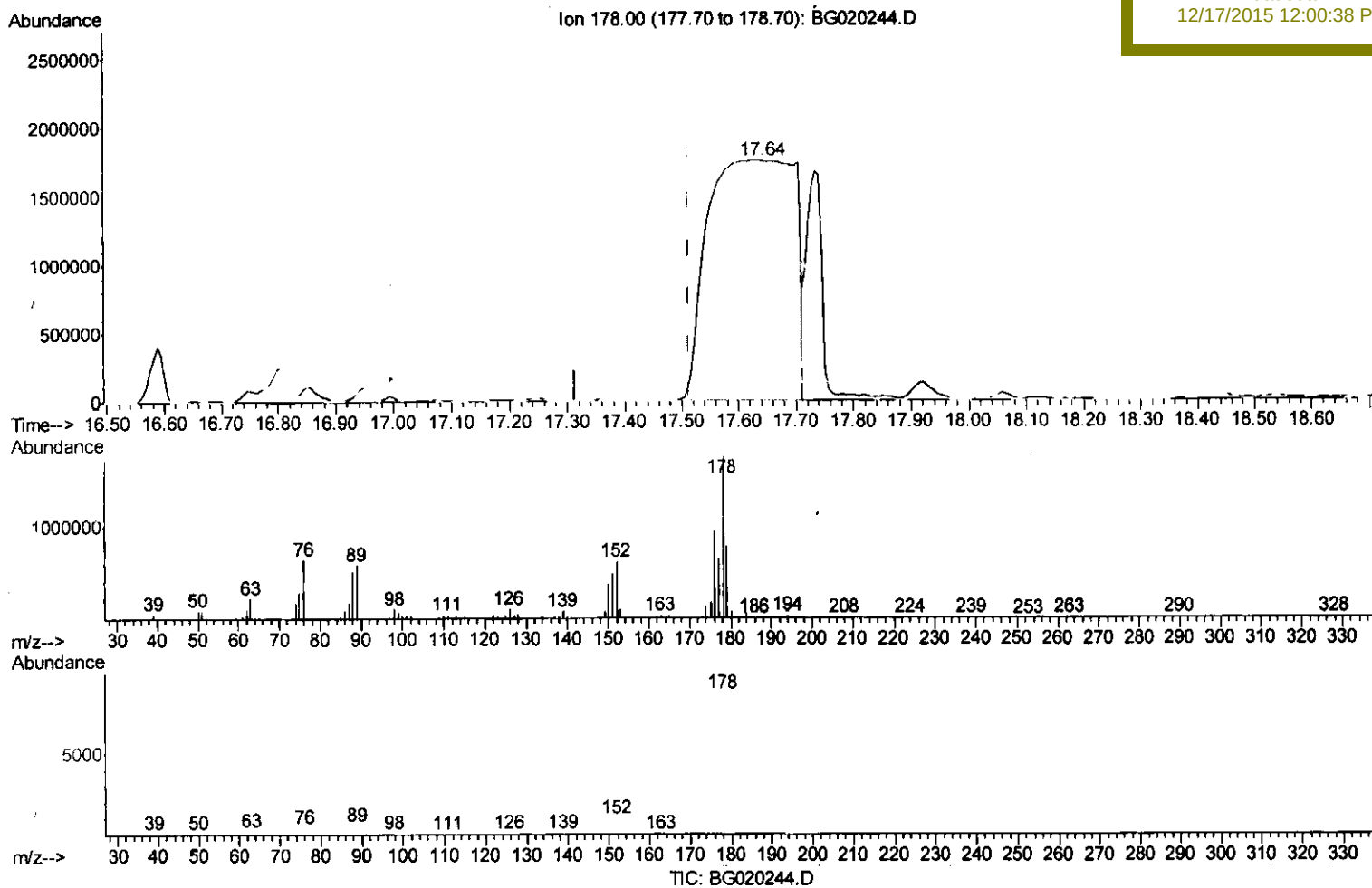
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020244.D
Acq On : 17 Dec 2015 6:03
Operator : UM/SJ
Sample : G4767-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 17 06:43:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 06:39:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N37

Manual Integrations
APPROVED

MMdadoda
12/17/2015 12:00:38 PM



(70) Phenanthrene

17.639min (+0.125) 2469.04ng/ul m

response 18250748

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	44.86#
176.00	19.10	53.20#
0.00	0.00	0.00

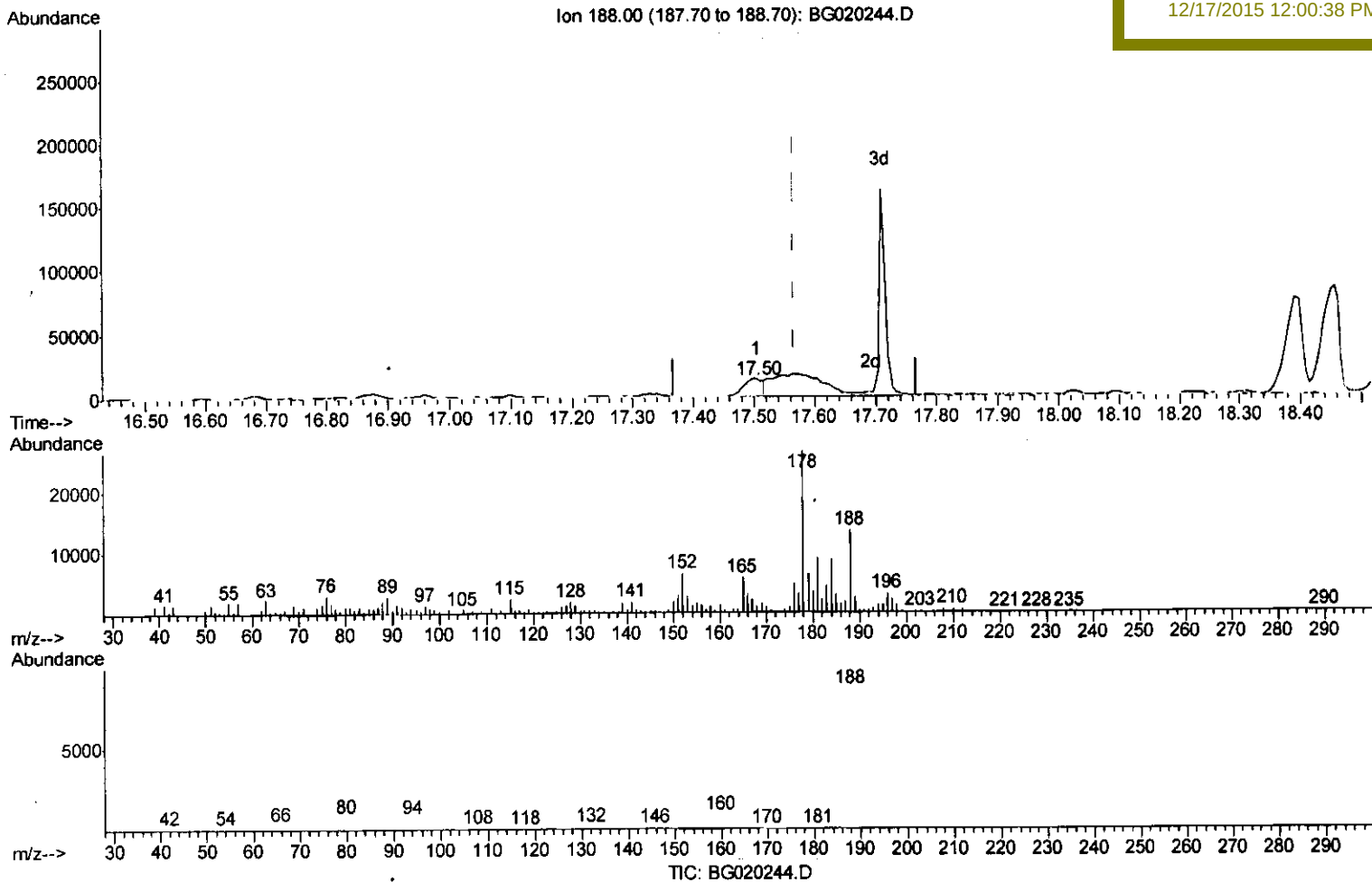
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020244.D
Acq On : 17 Dec 2015 6:03
Operator : UM/SJ
Sample : G4767-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 17 06:43:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
Quant Update : Thu Dec 17 06:39:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N37

Manual Integrations
APPROVED

MMdadoda
12/17/2015 12:00:38 PM



(71) Anthracene-d10 (S)

17.504min (-0.063) 4.98ng/ul

response 30980

Ion	Exp%	Act%
188.00	100	100
94.00	7.70	7.68
80.00	7.50	8.63
0.00	0.00	0.00

Quantitation Report (Qedit)

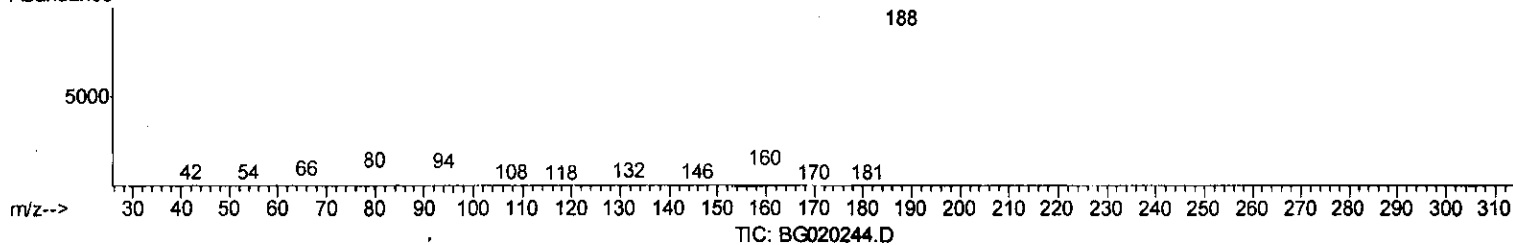
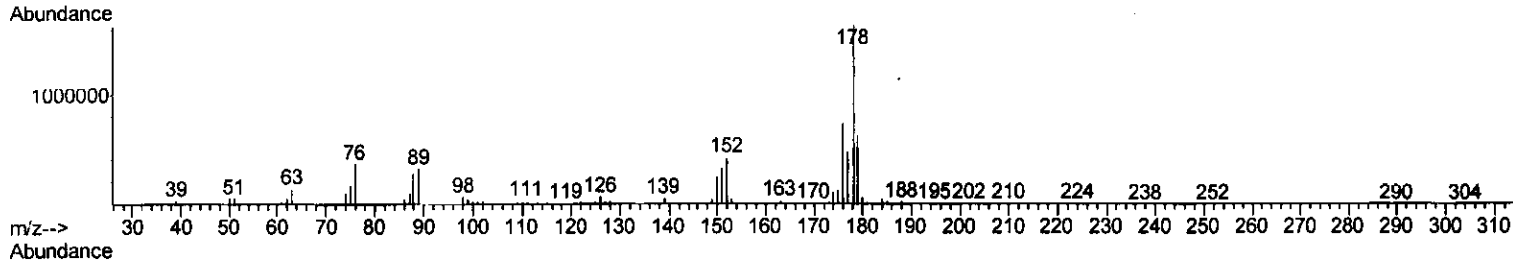
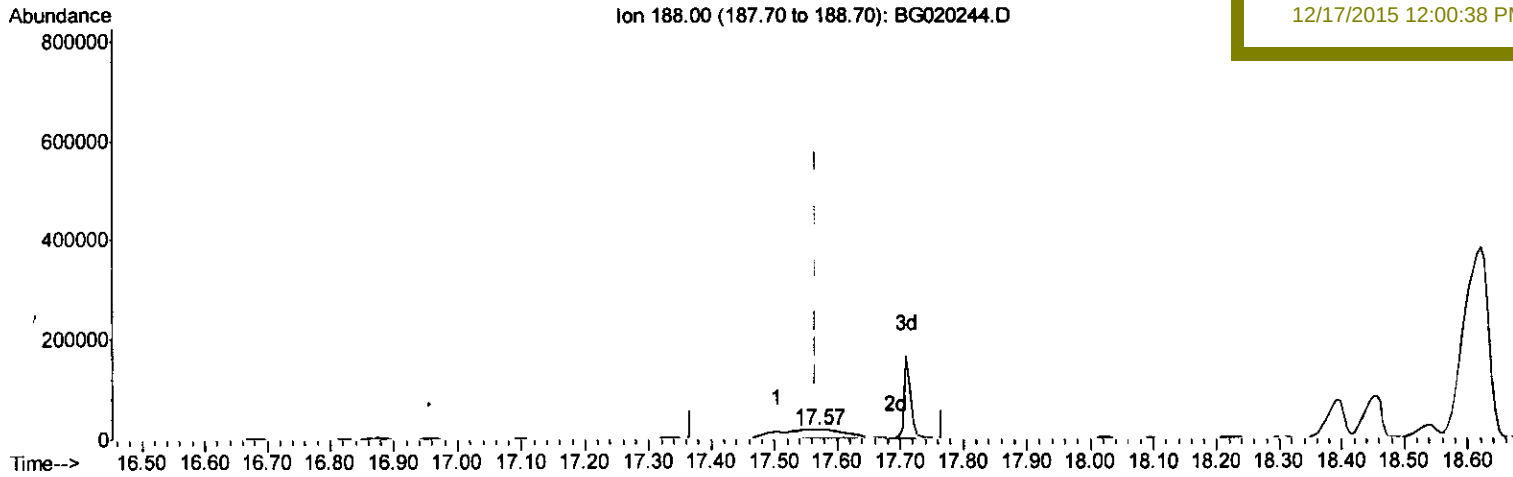
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121415\
 Data File : BG020244.D
 Acq On : 17 Dec 2015 6:03
 Operator : UM/SJ
 Sample : G4767-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 17 06:43:16 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 06:39:33 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 D9N37

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 12:00:38 PM



(71) Anthracene-d10 (S)

17.569min (+0.002) 21.72ng/ul m

response 135236

Ion	Exp%	Act%
188.00	100	100
94.00	7.70	12.88#
80.00	7.50	11.75#
0.00	0.00	0.00

U.M
 28/12/15

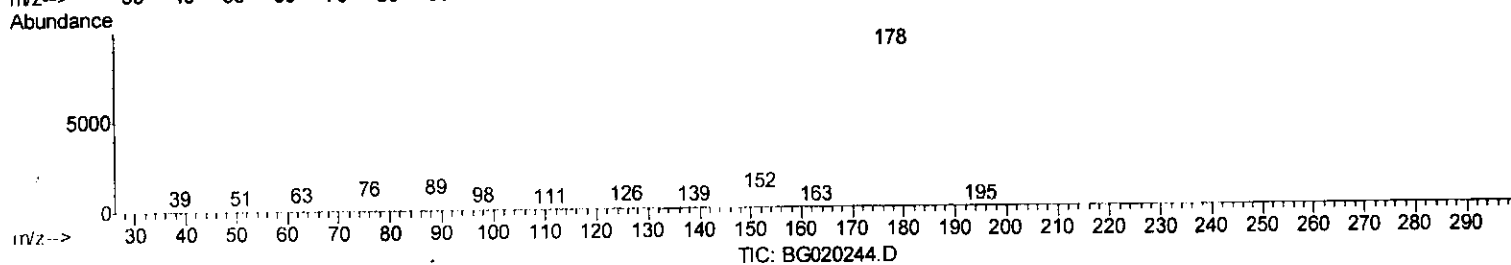
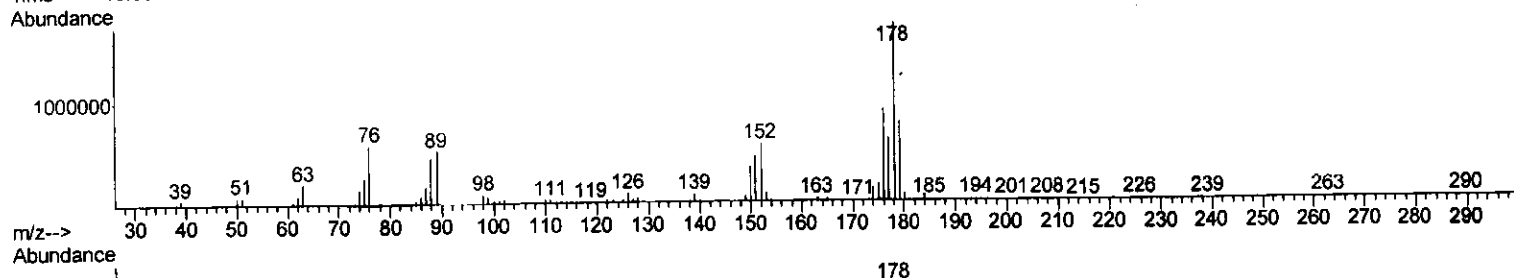
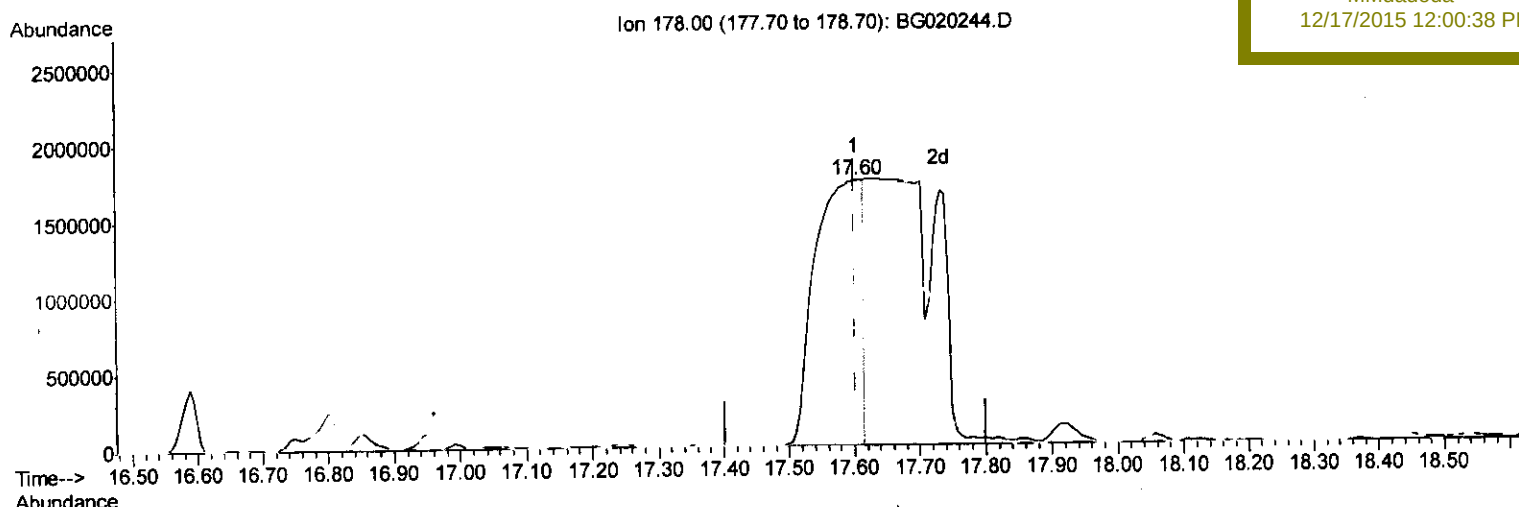
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020244.D
Acq On : 17 Dec 2015 6:03
Operator : UM/SJ
Sample : G4767-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 17 06:43:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
Qlast Update : Thu Dec 17 06:39:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N37

Manual Integrations
APPROVED

MMdadoda
12/17/2015 12:00:38 PM



(72) Anthracene

17.604min (+0.002) 1169.35ng/ul

response 8766927

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	44.63#
176.00	17.90	51.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

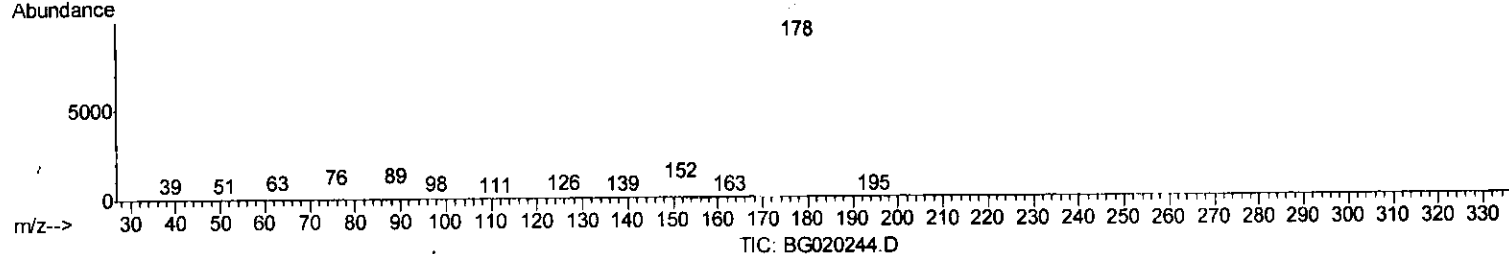
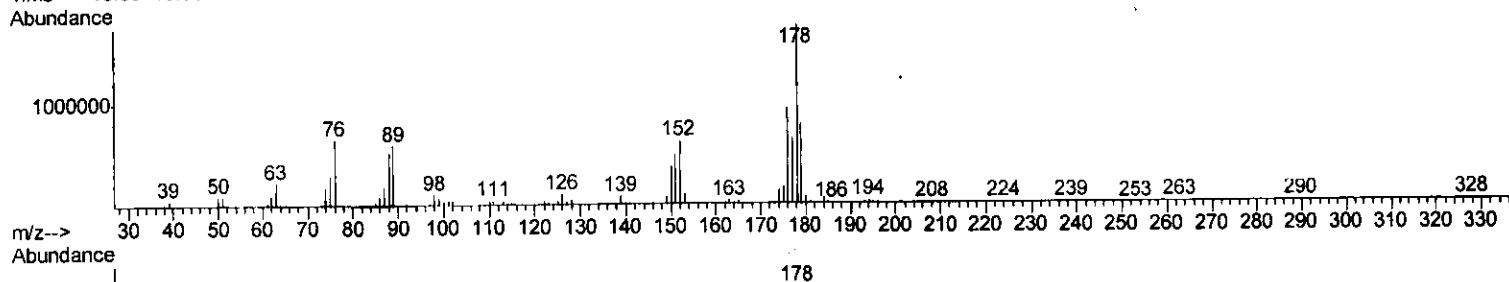
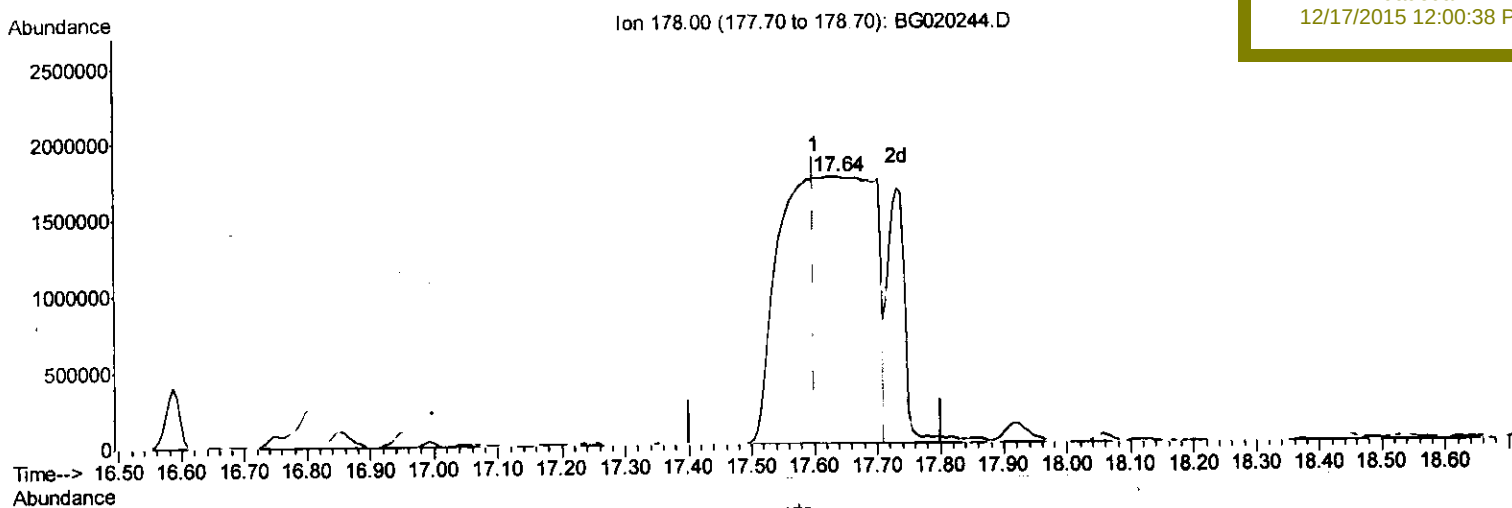
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020244.D
 Acq On : 17 Dec 2015 6:03
 Operator : UM/SJ
 Sample : G4767-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 17 06:43:16 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 06:39:33 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 D9N37

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 12:00:38 PM



(72) Anthracene

17.639min (+0.037) 2433.91ng/ul m

response 18247577

Ion Exp% Act%

178.00	100	100
179.00	15.40	44.86#
176.00	17.90	53.20#
0.00	0.00	0.00

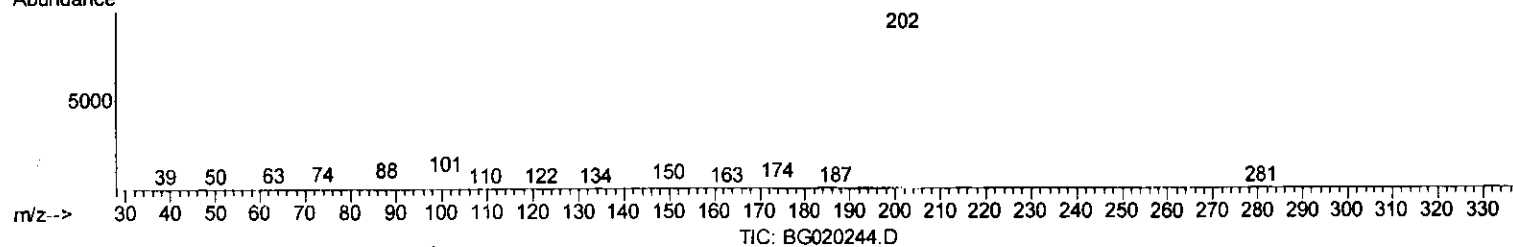
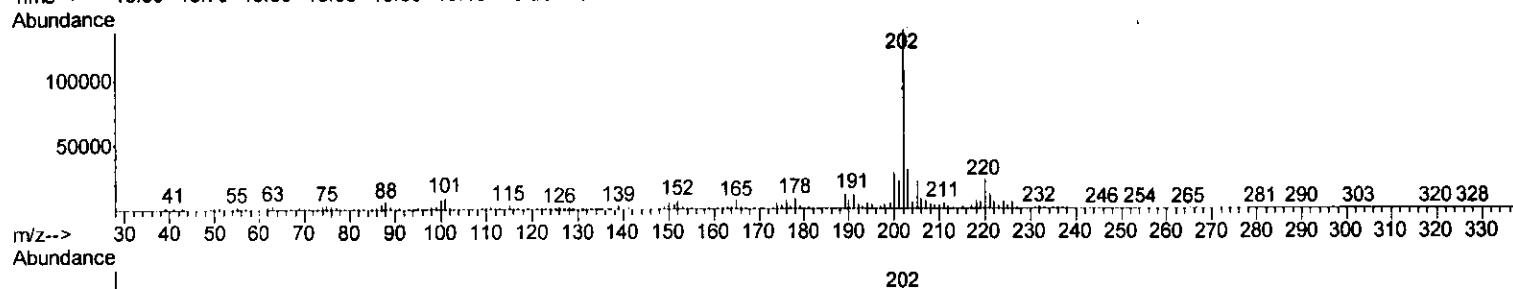
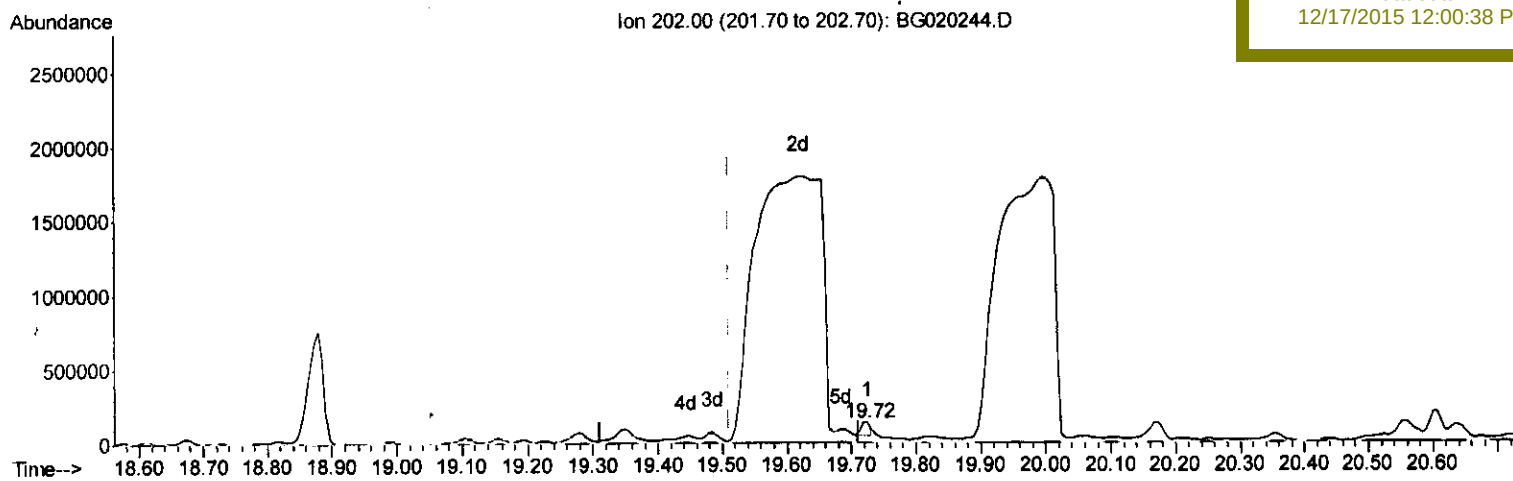
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020244.D
Acq On : 17 Dec 2015 6:03
Operator : UM/SJ
Sample : G4767-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 17 06:43:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 06:39:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N37

Manual Integrations
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(77) Fluoranthene (C)

19.725min (+0.213) 10.02ng/ul

response 86535

Ion	Exp%	Act%
202.00	100	100
101.00	7.80	7.23
100.00	6.40	5.51
0.00	0.00	0.00

Quantitation Report (Qedit)

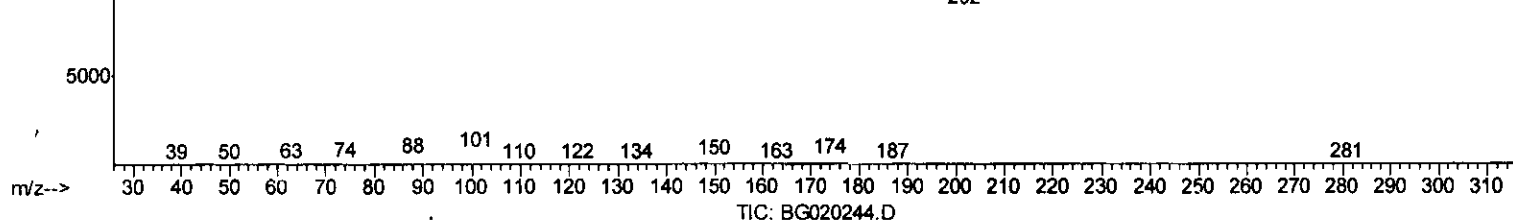
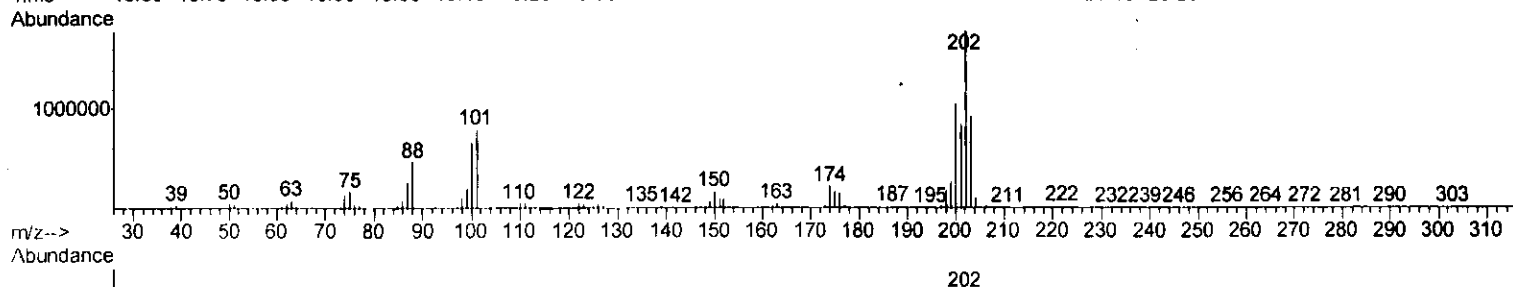
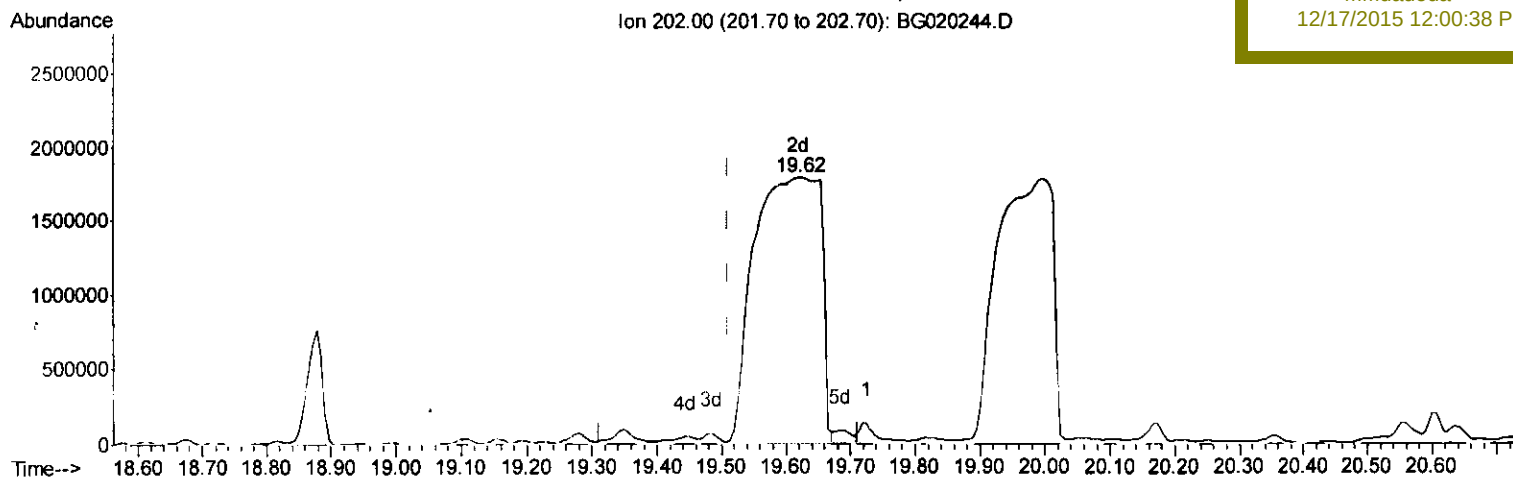
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020244.D
 Acq On : 17 Dec 2015 6:03
 Operator : UM/SJ
 Sample : G4767-15
 Vial : 29
 Sample Multiplier: 1

Quant Time: Dec 17 06:43:16 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 06:39:33 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 D9N37

Manual Integrations
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(77) Fluoranthene (C)

19.619min (+0.107) 1484.00ng/ul m

response 12820121

Ion	Exp%	Act%
202.00	100	100
101.00	7.80	44.09#
100.00	6.40	36.36#
0.00	0.00	0.00

20.11415

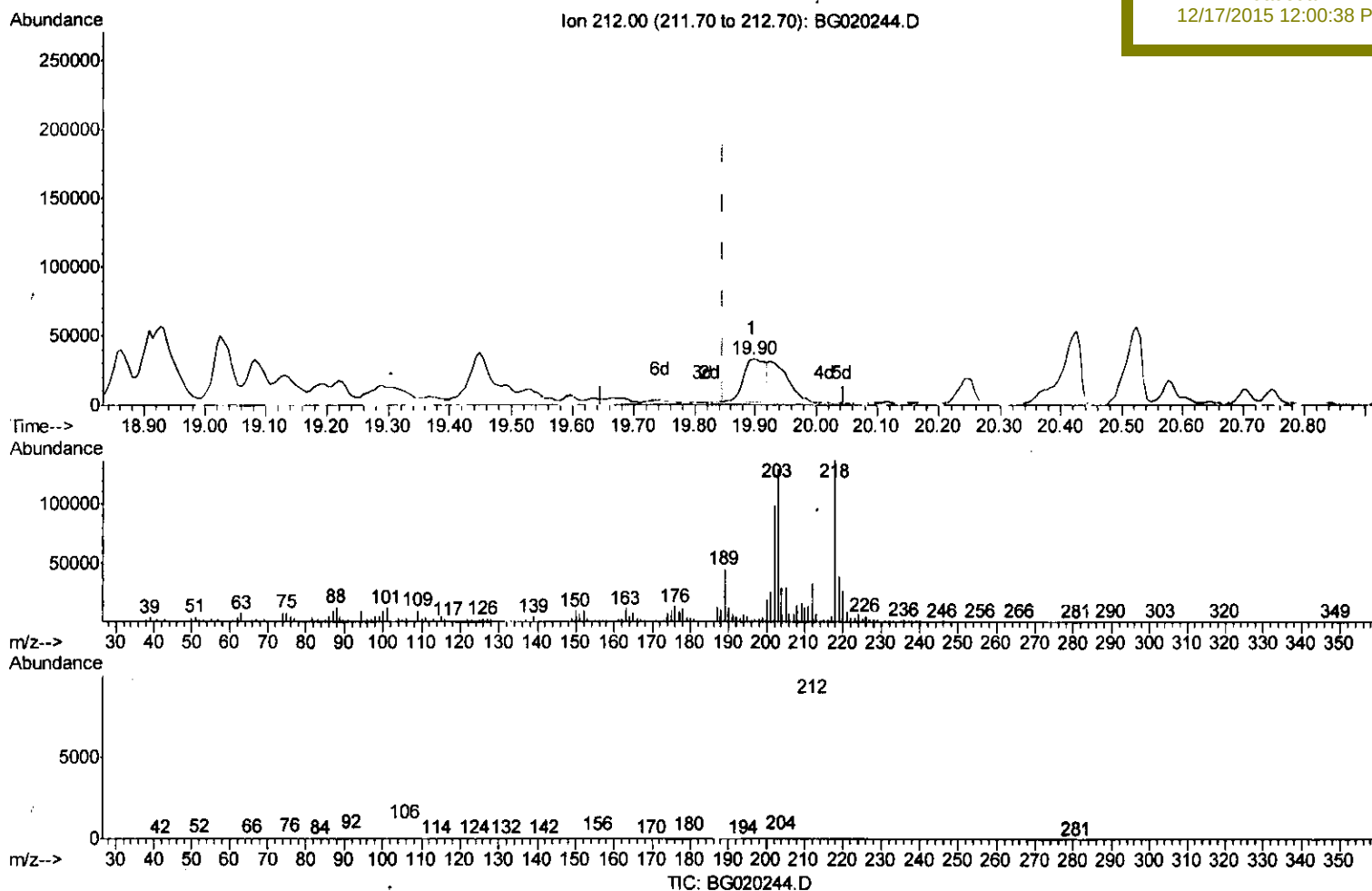
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020244.D
Acq On : 17 Dec 2015 6:03
Operator : UM/SJ
Sample : G4767-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 17 06:43:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 06:39:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N37

Manual Integrations
APPROVED

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(79) Pyrene-d10 (S)

19.895min (+0.049) 9.27ng/ul

response 80671

Ion	Exp%	Act%
212.00	100	100
106.00	10.50	10.01
104.00	6.80	8.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

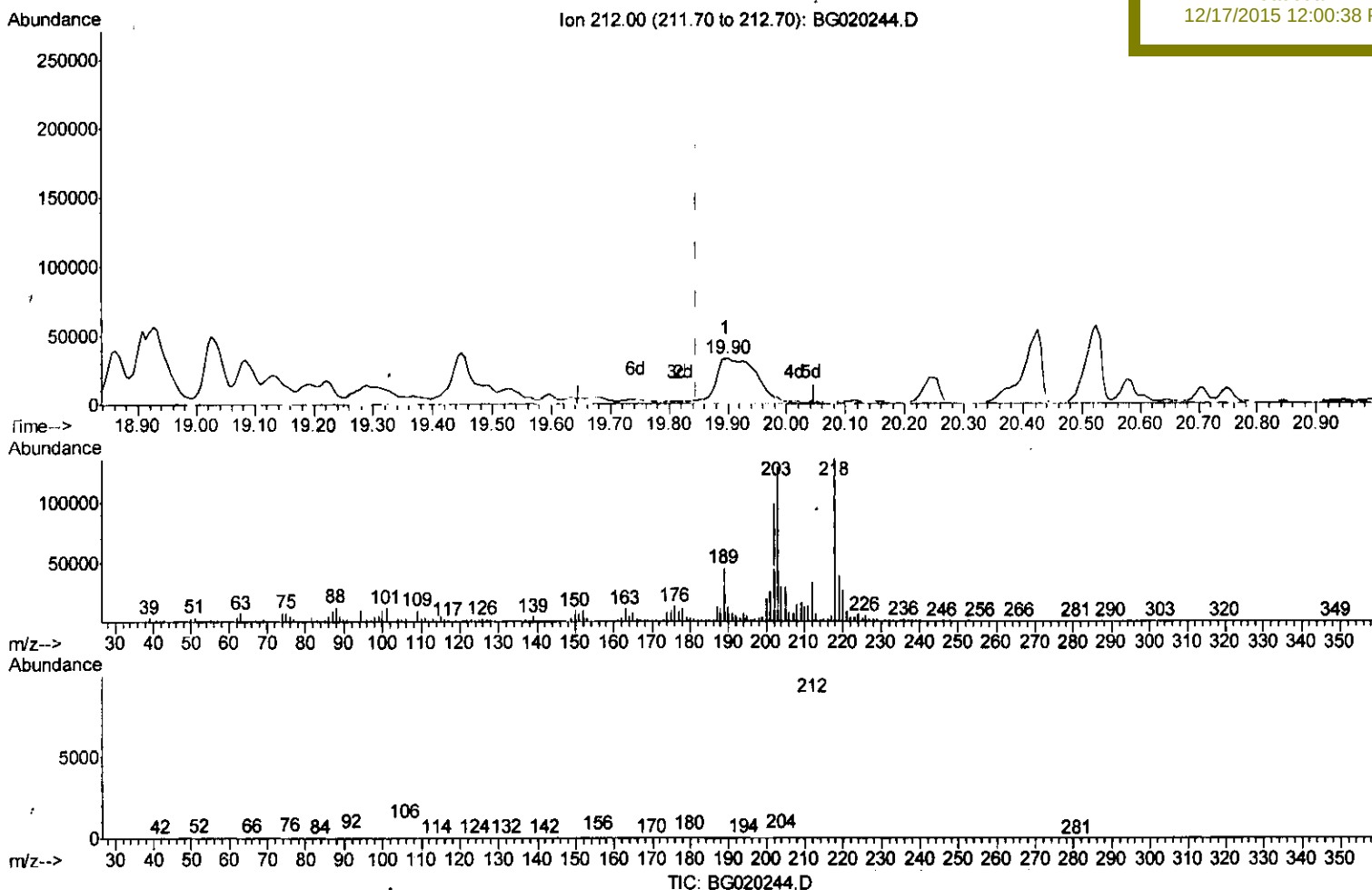
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020244.D
 Acq On : 17 Dec 2015 6:03
 Operator : UM/SJ
 Sample : G4767-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 17 06:43:16 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 06:39:33 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 D9N37

Manual Integrations
 APPROVED

MMdadoda
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(79) Pyrene-d10 (S)

19.895min (+0.049) 18.48ng/ul m

response 160871

Ion	Exp%	Act%
212.00	100	100
106.00	10.50	10.01
104.00	6.80	8.68#
0.00	0.00	0.00

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 28/12/15

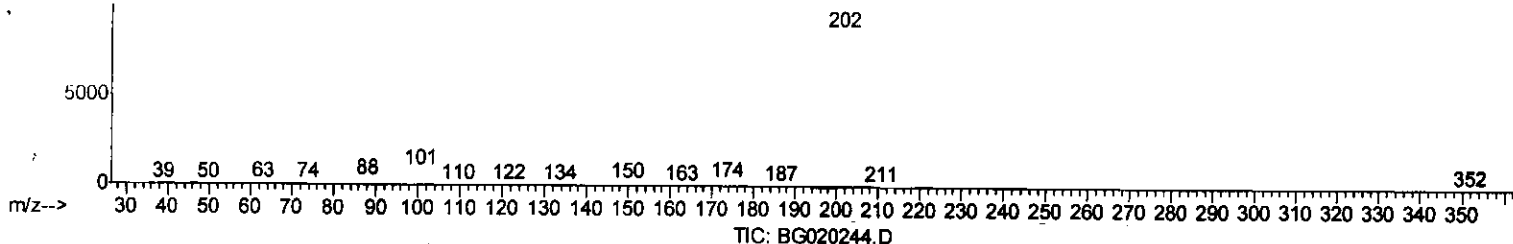
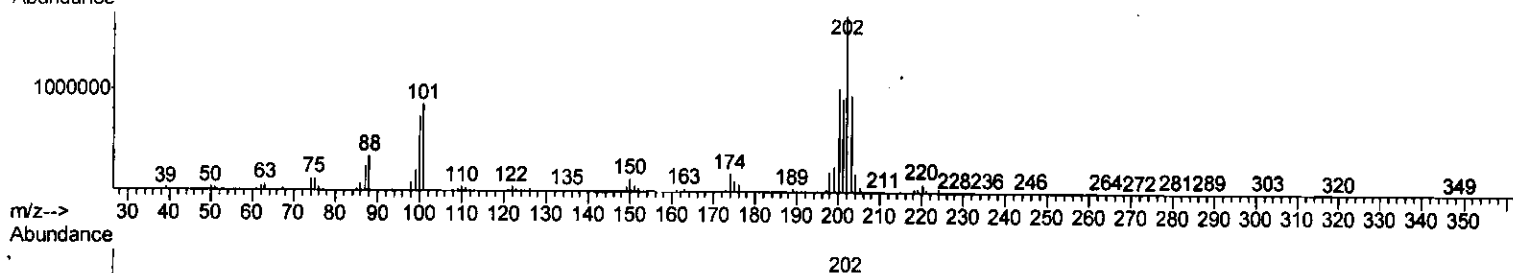
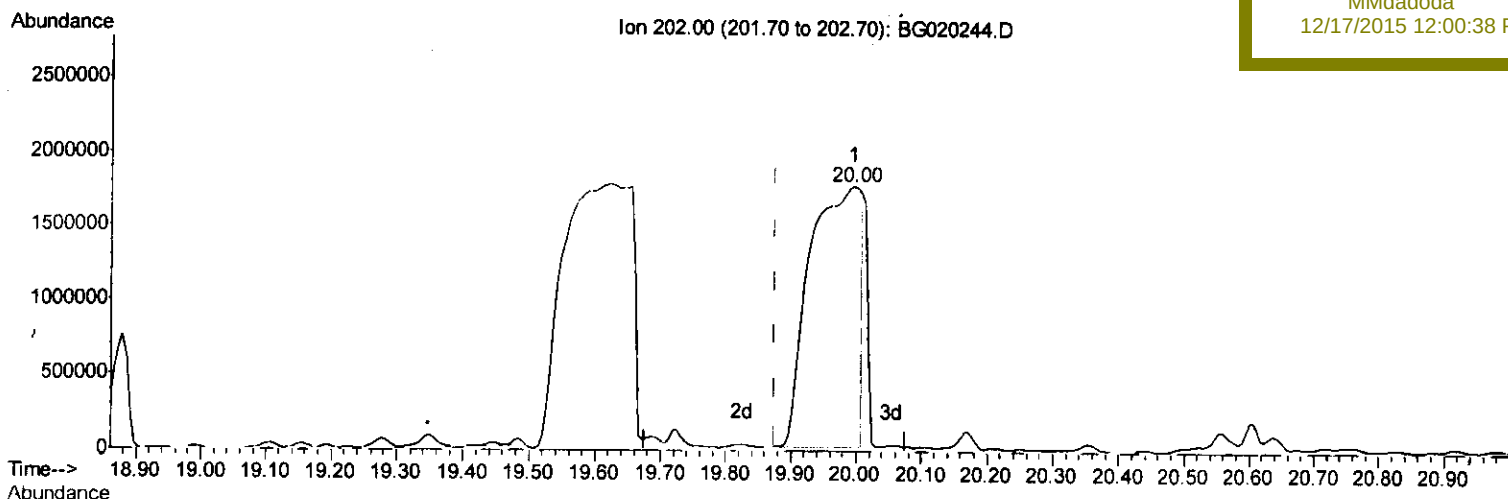
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020244.D
Acq On : 17 Dec 2015 6:03
Operator : UM/SJ
Sample : G4767-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 17 06:43:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 06:39:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N37

Manual Integrations
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(80) Pyrene

19.995min (+0.119) 837.29ng/ul

response 9464498

Ion	Exp%	Act%
202.00	100	100
101.00	8.70	48.57#
100.00	8.00	41.99#
0.00	0.00	0.00

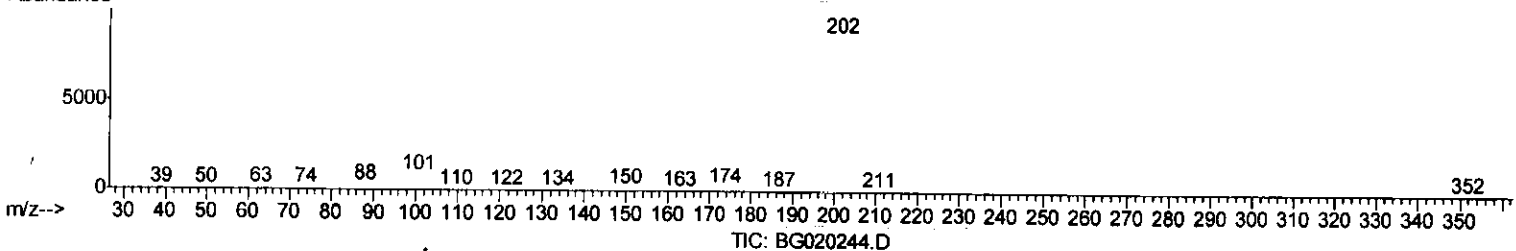
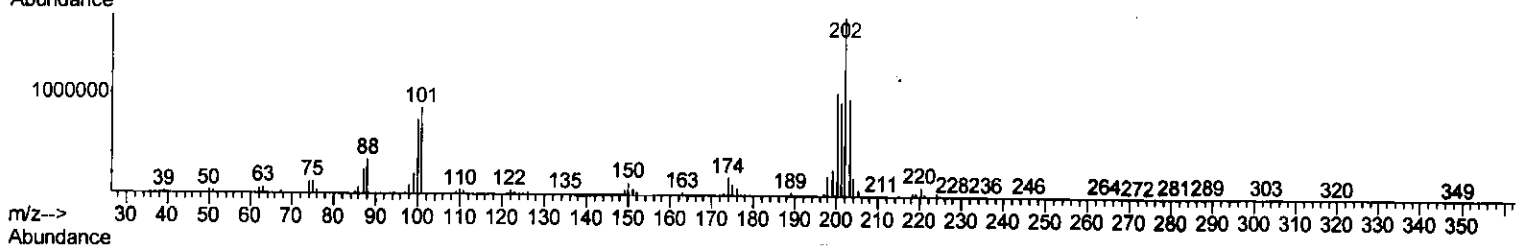
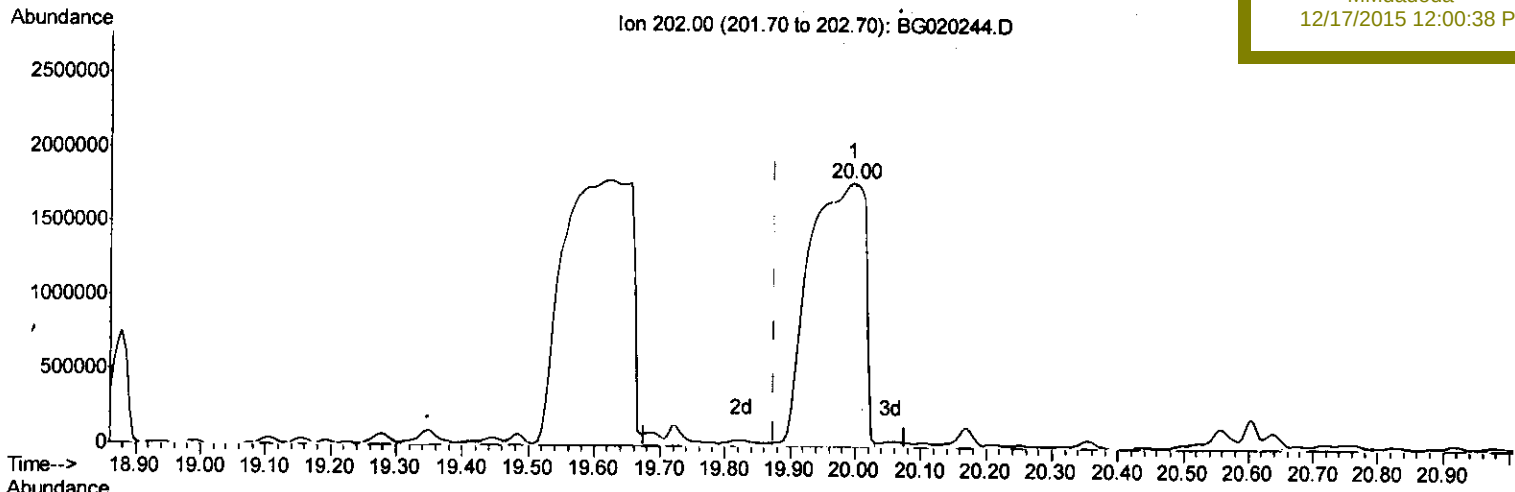
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020244.D
Acq On : 17 Dec 2015 6:03
Operator : UM/SJ
Sample : G4767-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 17 06:43:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
Qlast Update : Thu Dec 17 06:39:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N37

Manual Integrations
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MMdadoda
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(80) Pyrene

19.995min (+0.119) 929.42ng/ul m

response 10505853

Ion	Exp%	Act%
202.00	100	100
101.00	8.70	48.57#
100.00	8.00	41.99#
0.00	0.00	0.00

> U.M
28/12/15

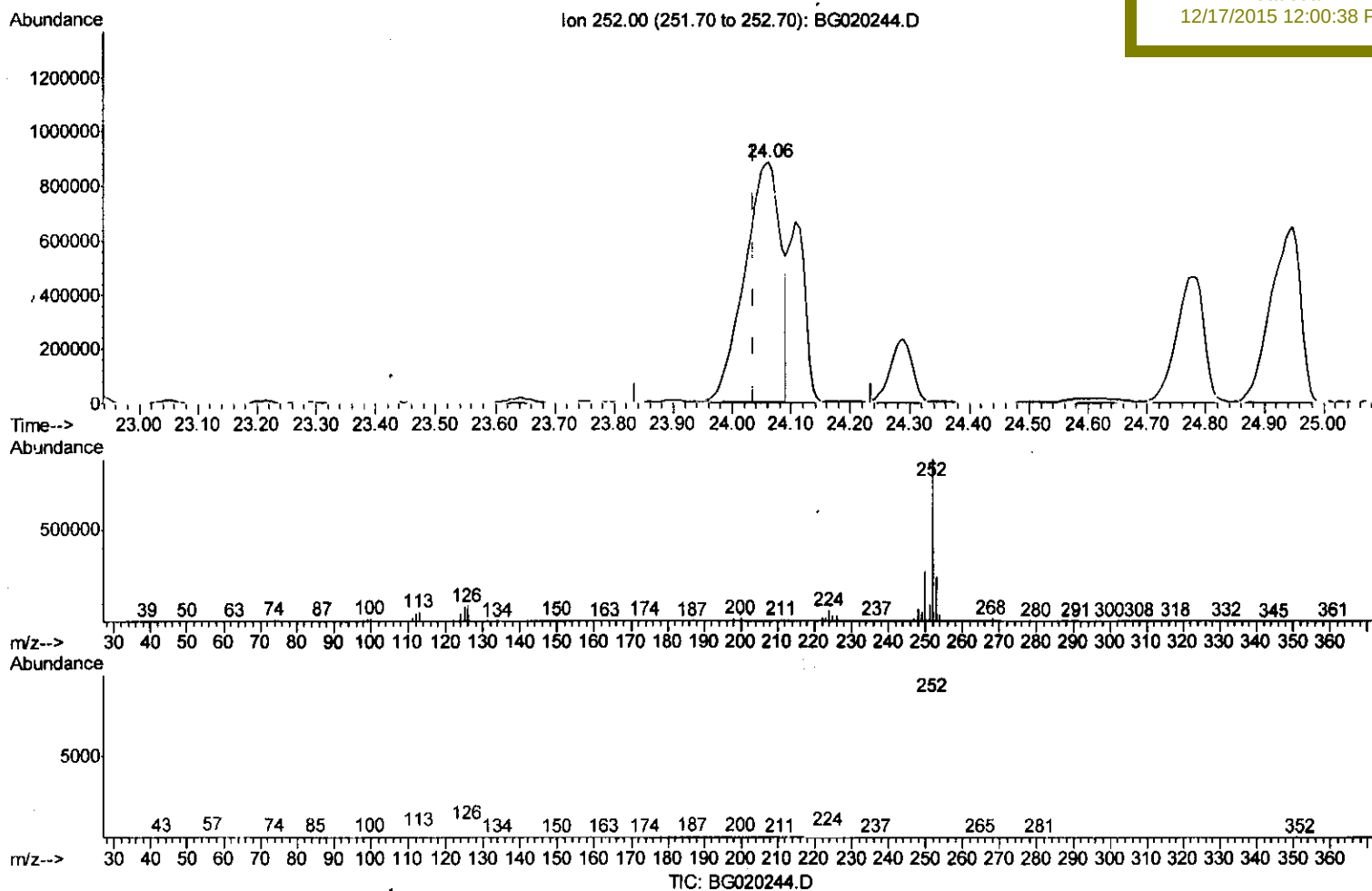
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020244.D
Acq On : 17 Dec 2015 6:03
Operator : UM/SJ
Sample : G4767-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 17 06:43:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
Qlast Update : Thu Dec 17 06:39:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N37

Manual Integrations
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(89) Benzo(k)fluoranthene

24.061min (+0.025) 364.60ng/ul

response 3746753

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	27.74#
125.00	7.20	8.88#
0.00	0.00	0.00

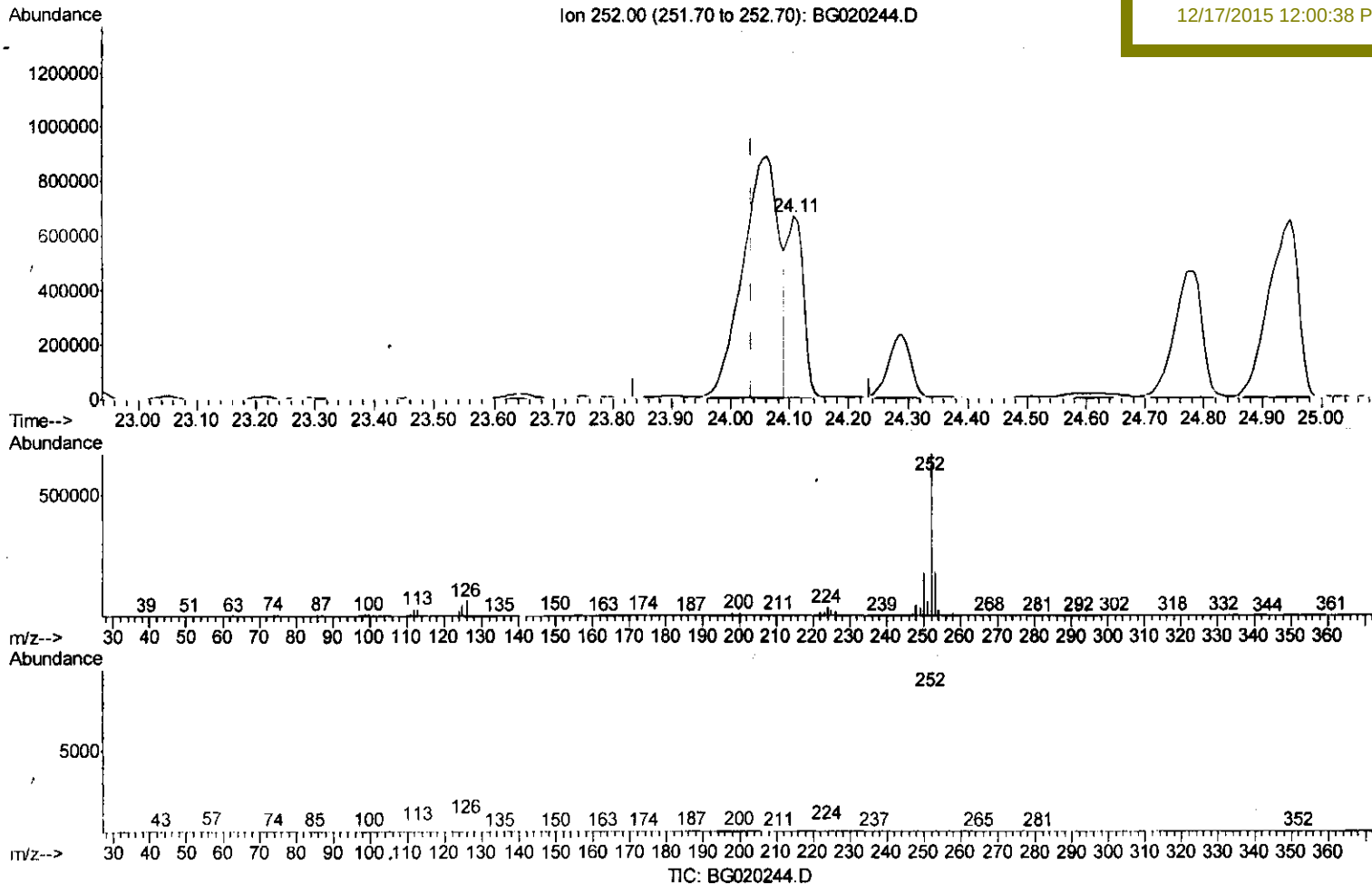
Data Path : F:\HPCHEM1\BNA_G\DATA\BG121415\
Data File : BG020244.D
Acq On : 17 Dec 2015 6:03
Operator : UM/SJ
Sample : G4767-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 17 06:43:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
Last Update : Thu Dec 17 06:39:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N37

Manual Integrations
APPROVED

MMdadoda
12/17/2015 12:00:38 PM



(89) Benzo(k)fluoranthene

24.108min (+0.072) 124.17ng/ul m

response 1276047

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	26.60
125.00	7.20	7.20
0.00	0.00	0.00

> U.M
28/12/15

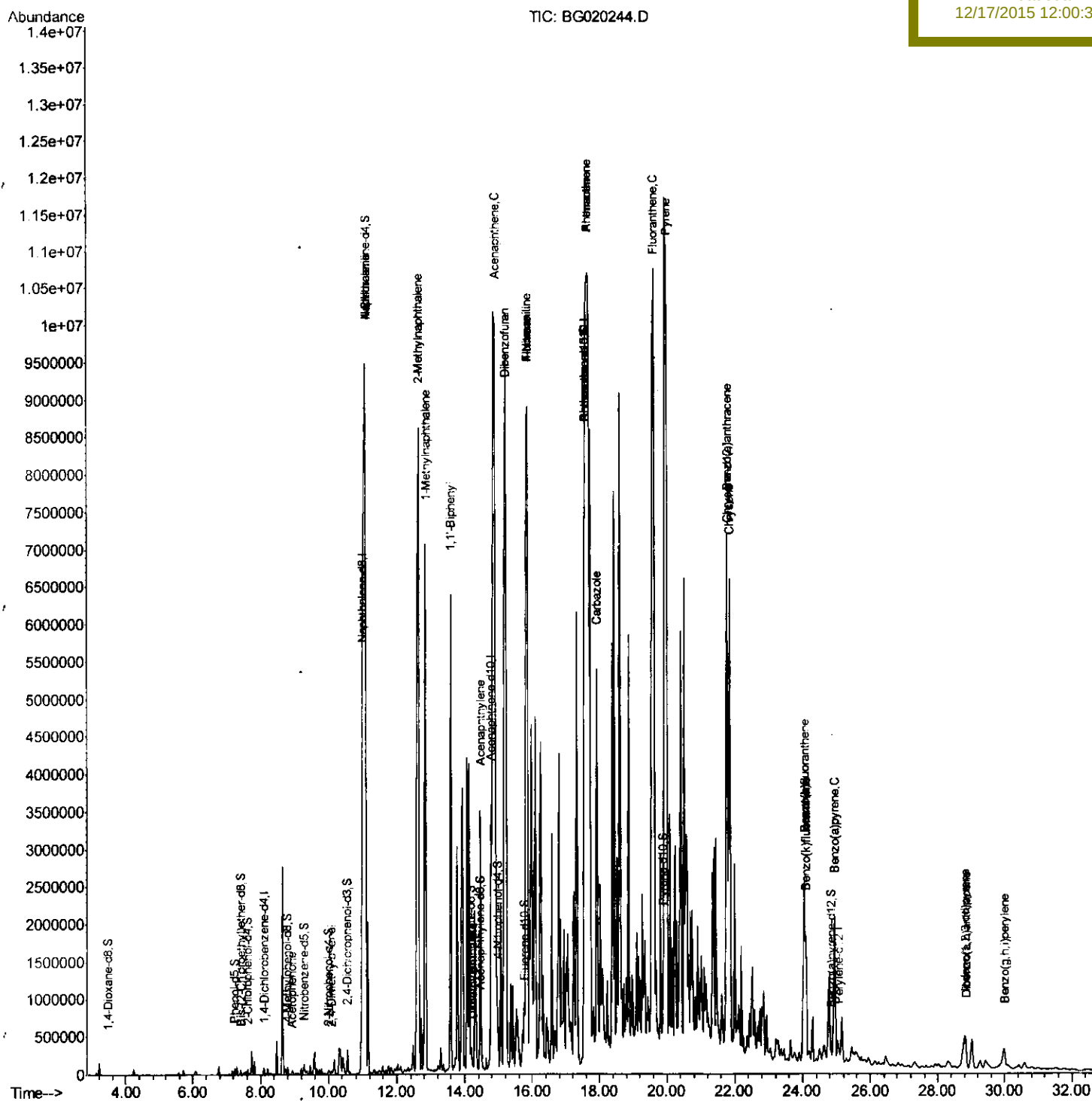
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121715\
 Data File : BG020244.D
 Acq On : 1 Dec 2015 6:03
 Operator : UM/SJ
 Sample : G4767-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 17 07:37:04 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 06:39:33 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampled :
 D9N37

Manual Integrations
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MMdadoda
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Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020244.D
Acq On : 17 Dec 2015 6:03
Operator : UM/SJ
Sample : G4767-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 18 10:26:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 06:39:33 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	29.99	276	576715	58.20	ng/ul *	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
D9N37

Manual Integrations
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Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020244.D
 Acq On : 17 Dec 2015 6:03
 Operator : UM/SJ
 Sample : G4767-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 18 10:26:43 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 06:39:33 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 D9N37

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	28181	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	114182	20.00	ng/ul	0.08
36) Acenaphthene-d10	14.78	164	116467m	20.00	ng/ul	0.05
62) Phenanthrene-d10	17.57	188	135138m	20.00	ng/ul	0.10
78) Chrysene-d12	21.80	240	186764	20.00	ng/ul	0.06
86) Perylene-d12	25.07	264	177921	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	1264	2.48	ng/uL	0.00
5) Phenol-d5	7.25	99	44468	17.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	28797	19.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	36022	19.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	38348	18.04	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	21504	24.16	ng/ul	0.01
22) 2-Nitrophenol-d4	10.01	143	21937	22.15	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.55	165	39519	19.70	ng/ul	0.02
29) 4-Chloroaniline-d4	11.11	131	62334	27.66	ng/ul	0.06
44) Dimethylphthalate-d6	14.17	166	104888	11.13	ng/ul	0.04
47) Acenaphthylene-d8	14.44	160	129810	11.84	ng/ul	0.02
52) 4-Nitrophenol-d4	14.97	143	20797	12.31	ng/ul	0.05
58) Fluorene-d10	15.74	176	101630m	11.89	ng/ul	0.03
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.57	188	135236m	21.72	ng/ul	0.00
79) Pyrene-d10	19.90	212	160871m	18.48	ng/ul	0.05
90) Benzo(a)pyrene-d12	24.84	264	162025	18.26	ng/ul	0.06

Target Compounds

					Qvalue
14) Acetophenone	8.93	105	9677	2.91	ng/ul 88
24) 2,4-Dimethylphenol	10.08	107	19922	8.26	ng/ul 94
28) Naphthalene	11.11	128	14578715	2444.95	ng/ul# 23
34) 2-Methylnaphthalene	12.64	142	7278963	1598.15	ng/ul 95
35) 1-Methylnaphthalene	12.85	142	4314618	985.36	ng/ul# 92
41) 1,1'-Biphenyl	13.60	154	3610568	410.91	ng/ul# 72
45) Dimethylphthalate	14.23	163	44461m	4.62	ng/ul
48) Acenaphthylene	14.48	152	1728470	148.44	ng/ul# 86
50) Acenaphthene	14.90	153	10925843	1394.55	ng/ul# 77
54) Dibenzofuran	15.21	168	8430115	723.32	ng/ul# 39
59) Fluorene	15.88	166	8792588m	939.46	ng/ul
70) Phenanthrene	17.64	178	18250748m	2469.04	ng/ul
72) Anthracene	17.73	178	3191157m	425.64	ng/ul
75) Carbazole	17.93	167	2895533	459.64	ng/ul# 75
77) Fluoranthene	19.62	202	12820121m	1484.00	ng/ul
80) Pyrene	20.00	202	10505853m	929.42	ng/ul
83) Benzo(a)anthracene	21.79	228	5339591	489.98	ng/ul# 54
85) Chrysene	21.88	228	4469646	435.49	ng/ul# 54
88) Benzo(b)fluoranthene	24.06	252	3746753	349.88	ng/ul# 88
89) Benzo(k)fluoranthene	24.11	252	1276047m	124.17	ng/ul
91) Benzo(a)pyrene	24.95	252	2253471	221.99	ng/ul 94
92) Indeno(1,2,3-cd)pyrene	28.81	276	762869	63.11	ng/ul 94
93) Dibenzo(a,h)anthracene	28.85	278	223077	22.23	ng/ul 95

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